WHY RGBLINK

LEADING INNOVATION
All Research & Development carried out in house.
Creative solutions to real-world problems
Standards based approach
Member of recognised industry groups
World leading high quality, high performance video processing.

MARKETS
Corporate
Broadcast
Live Events
House of Worship
Education
Government
Health Care
Retail & Entertainment

PRODUCT MATRIX
#Live Streaming
PTZ camera
mini live streaming switcher
streaming codec
cloud
wireless collaborative transmission + TAO APP

#Pro AV
Media server
hybrid matrix switcher
desktop switcher
format converter
video wall splicer
LED display control system + XPOSE

GLOBAL PRESENCE
Growing world-wide distribution network
See RGBlink at all major industry trade events
Products are been widely used in mission critical applications around the world.

HDMI, High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries.
Add whole new dimensions to capturing video presentations with RGBlink vue PTZ cameras.

Featuring advanced an ISP image processor and a 2 mega pixel sensor, vue cameras are available in a range models across 12X, 20X & 30X optical zoom and a range of output options from HDMI & SDI to H.264, H.265 & NDI.

Pan, Tilt, Zoom to capture all the action – get in even closer with 10X digital zoom, and the best video with auto focus, dynamic level adjustment (WDR) and 2D/3D Dynamic Noise Reduction (DNR) all at up to 60fps.

All vue models feature the unique TALLY crown light indicator, integrated right into the housing for 360-degree viewing.

The innovative and patented RGBlink vue camera design is at home in every environment.
Go pro with PTZ

12X/20X/30X Optical zoom

Multi-protocol

Precision Movement

NDI

Select vue models include NDI HX protocol and capabilities, allowing vue cameras to be integrated directly into professional and broadcast workflows including to applications such as Premier Pro, Zoom and more.

12X/20X/30X

Zoom In

Choose from across three models of optical zoom – 12X, 20X or 30X, behind which the 2 mega pixel Panasonic sensor and ISP processor offering a further 10X digital zoom to get even closer.

12X/20X/30X

Digital & IP Video

Full HD

TALLY Crown

Selected view models include the RGBlink vue TALLY Crown indicator light showing clearly stand-by and on-air status of the camera.

Remote Control

Connect to vue cameras with industry standard protocols including VISCA and ONVIF.

Power of Convenience

Power vue cameras from supplied PSU or via the ethernet port for selected models connected on PoE enabled networks.

Multi-Protocol Support

Output to HDMI, 3G-SDI, RTMP and RTSP, and optionally NDI and USB/UVC for maximum connectivity, in support of virtually any application requirement.

Audio In

All vue models include 3.5mm mini-jack input, allowing Line level inputs to be inserted to all outgoing video signals including embedded on HDMI, SDI, NDI and other IP codecs.

Set Presets

Set up to 255 presets of positions to be stored on a camera and available for instance recall.

Precise Position Control

High precision micro stepper motor controls to within 0.1 degrees. Reposition the camera and zoom to any position in under 1s, smoothly, accurately and super quietly. Advanced algorithms optimise imaging at every movement for precise blur-free performance.

Browser Config & Preview

Connect directly to a vue camera from any browser without the need to install a dedicated app. The web interface allows full configuration of the camera as well as preview of video, operations and control.

NDI

Select vue models include NDI HX protocol and capabilities, allowing vue cameras to be integrated directly into professional and broadcast workflows including to applications such as Premier Pro, Zoom and more.
USB PTZ Camera

**Key Features**
- High speed optical zoom
- Auto-focus technology
- Low noise and high SNR
- Up to 255 presets
- Pan and tilt control
- Wide application
- Low-power sleep function

PoE PTZ Camera

**Key Features**
- High speed optical zoom
- TALLY Crown
- High performance in low light scenarios with Wide Dynamic Range
- Full 1520 x 1080p HD Resolutions up to 60 frames per second
- H.264, H.265 & MJPEG Streaming
- Stream simultaneously to up to three protocols
- Support PoE (IEEE 802.3af 48V)

NDI PTZ Camera

**Key Features**
- High speed optical zoom
- High performance in low light scenarios with Wide Dynamic Range
- Full 1520 x 1080p HD Resolutions up to 60 frames per second
- 2D & 3D low noise CMOS
- PTZ control via serial, IP or NDI
- H.264, H.265 & MJPEG Streaming
- Stream simultaneously to up to three protocols
- Support PoE (IEEE 802.3af 48V)
Ultra HD PTZ Camera 4K

Key Features
- Intelligent and smooth teaching tracking
- Low noise and high SNR
- Multiple video compression formats
- Multiple control/network protocols
- Dual-stream output
- Support PoE

RGB12X-HAI-WH
RGB20X-HAI-WH
RGB12X-NAI-GY
RGB20X-PAI-GY

Ultra HD NDI Camera 4K

Key Features
- 4K Ultra HD image, with resolution up to 4K@60fps
- 12x optical zoom lens, with 80.4° FOV without distortion
- 20x optical zoom lens, with 59.2° FOV without distortion
- Fast, accurate and stable auto focus
- Low Noise and High SNR
- 4K output through LAN, HDMI and USB 3.0
- Multiple Audio/Video Compression Standard
- Multiple Control port and control protocol
- Multiple Network Protocol include RTMP/RTP/NDI/VISCA

RGB12X-UNAI-WH
RGB20X-UNAI-WH
RGB25X-UNAI-WH

PTZ AI Tracking Camera

Key Features
- Intelligent and smooth teaching tracking
- Low noise and high SNR
- Multiple video compression formats
- Multiple control/network protocols
- Dual-stream output
- Support PoE

RGB12X-HAI-WH/RGB20X-HAI-WH
RGB20X-NAI-GY
RGB20X-PAI-GY

PTZ Camera Controller

Key Features
- Multipurpose control and network protocol
- Control code modified by customers
- Camera parameter s adjustment via keys
- Support PoE
- LCD screen on front panel with key tone
- Camera speed control via joystick
- Multiple control connectors , up to 255 cameras

RGB12X-UNDI-WH 4K NDI Camera
mini-pro continue to support Windows and MAC desktop operating systems and iOS and Android mobile platform.

In terms of user operations, mini-pro upgrade S key (shortcuts) user experience, by preseting the user scene setting, mini-pro can realize multi-user fast scene and mode switching. Synchronize multiple controls, Small and easy to use, Help you achieve more diversified scene display applications.
mini-pro next level streaming switcher

**Toggle**
Zoom cameras, adjust volume, move between presets, control right on the surface where and when you need it.

**Shortcuts**
Access views and audio at the touch of a button.

**Professional Controls**
Integral T-bar provides familiar vision mixing style controls ideal for live events.

**Touch Screen LCD**
Display video sources right in front of you. Not only see the settings and features, interact naturally with context aware touch controls. mini-pro offers a host of feature enhancements.

**Precision Joystick**
Control cameras as well as navigation better than ever with tactile and familiar console control.

**Insert & Extract Audio**
Input Line or Mic level audio selectable to output. With support for audio delay. Output mixed audio from one or multiple inputs embedded and to the dedicated mini-jack.

**Record Anywhere**
Connect a USB drive to record, directly to SSD for later editing.

**Stream**
Connect to a laptop to stream to virtually any platform or capture in popular media apps.

**Display video sources right in front of you. Not only see the settings and features, interact naturally with context aware touch controls. mini-pro offers a host of feature enhancements.**

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Stream
SuperSpeed USB3.0 streaming to take video to the world. Simply connect mini-pro to a laptop or other device to stream quickly and easily to hundreds of social media and streaming platforms as well as a vast array of popular collaboration applications.

Go Live
Display local and live with the 2K HDMI output port – use for a preview or the live program output. mini-pro is more than a streaming switcher, mini-pro is also a live event switcher.

Record
Capture the moment, record video and audio directly from mini-pro with any portable drive up to 2TB, nothing else needed.

Control
Bring it all together with on board control for PTZ cameras directly within mini-pro. Save attribute views of cameras for recall at the touch of a button.

Preview
See all sources live immediately in the integral LCD display. Connect video output and display a multi-view preview to always see the next preset before going live.

Mix
Transition and switch between live video program and preset. Recall saved preset views along with scaled video layers for the professional look of prepared broadcast or presentation.
TAO APP is a live broadcast software independently developed by RGBlink. It has a series of functions such as live broadcast and interaction, list, community, flexible payment, membership system, and offline translation supporting multiple languages and dialects around the world. It helps content creators to live with cost-effective accounts. In addition, you can push live streaming through the TAO platform itself, push 30+ domestic and overseas live platforms, gain more public domain traffic, easily realize your live demand, and use the TAO APP to achieve more functions.
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- Support TAO live broadcast
- Support third-party live streaming
- Support OTG live streaming: empowering your smart devices

AI translation√ Manual proofreading√ AI dubbing√ Manual voice over√

It supports multiple languages and dialects around the world, matching multiple industries, can translate with an accuracy of 99%.

Smart mobile device + smart hardware live broadcast
- Camera and audio capture interface expansion
- One-click microphone switch, making online communication more private
- Smooth fast recording to local/cloud at 60M/s, without dropping frames
- Easy adjustments for focusing, positioning, switching, etc.
- Take full control of the live room
- Built-in beauty cam, easy and simple adjustment, perform miracles on your face

Offline Translation
AI translation/ Manual proofreading/ AI dubbing/ Manual voice over/
It supports multiple languages and dialects around the world, matching multiple industries, can translate with an accuracy of 99%.

Live streaming system and distribution service
Distributed private cloud deployment: The system uses a private cloud system, including video, distribution, upload, website, and storage servers. Support streaming of RTMP/RTSP/RTMPS protocol, support simultaneous streaming of 32 live platforms.
Support switcher and Android mobile phone streaming through OTG; Users can communicate while watching the live, the audio and video are fully synchronized.

Smart hardware 1+1+2
Streaming configuration: Realize "two-end sharing" and multi-platform streaming, viewing and sharing through TAO cloud service TAO 1: mini control: universal NDI codec, a must-have for small businesses, high image quality, low latency.
Support scene switching of all video splicers: relax and take control

More
- Live interaction, support live playback, and enable secondary creation of live broadcast
- Notification, set a reminder 15 minutes before the live starts
- What's trending, daily update of what's trending, help every creator to keep up
- Identity medals, the point system presents identity differentiation and importance with medals
- Tutorial, step-by-step operation for quick start
- Flexible payment, support WeChat, Alipay, PayPal payment
- Scan the QR code to download, and scan to enter the live room
- Share to WeChat Moments, Facebook and other APPs directly through TAO APP
4K NDI Bi-Directional Codec

TAO 1mini is the latest signal node to a new level for advanced use cases, not only for encoder, but also decoder. It expands the connectivity in a single unit including HDMI 2.0 and UVC IN & OUT, but also ethernet I/O. With HDMI 2.0 and UVC inputs for a 4K encoding and multi-protocol streaming by ethernet outputs. Vise versa, as a 4K decoder from ethernet inputs to HDMI 2.0 and UVC output. It comes with higher streaming bitrates; file recording; and much more. This device is ideal for high-quality live streaming of content including sports, education, and live events as well as IP-based production and AV-over-IP.
Why choose NDI?

NDI is a broadcast-quality, low-latency video streaming protocol over Gigabit networks. With low loss, low latency, and more stable live previews & recording, it ensures high-quality video transmission.

**NDI**
- Codec support
- Dual 1/4" mounts
- LED TALLY indicators

**NDI-HX**
- Codec integration
- Low latency
- RTMP/RTMPS protocols
- Up to 4K UHD without compromise

**UDM**
- Power via PoE
- Power from USB-C PD

Professional IP production equipment

Both encoding and decoding support up to 4K (UHD) video resolution, and are backward compatible with resolutions such as HD/SD. Adopting MJPEG/YUV, H.264 to ensure high-quality video transmission.

**TAO 1mini-N** not only supports 4K Full NDI but also NDI|HX, it is an all-in-one codec machine. It can not only convert 4K HDMI/UVC signals into NDI/RTMP/SRT, but also a network push streaming device that can realize simultaneous live broadcast of 4 platforms.

Multi-platform live streaming

TAO 1mini-N can not only convert 4K HDMI/UVC signals into NDI/RTMP/SRT, but also a network push streaming device that can realize simultaneous live broadcast of 4 platforms.

**Power via PoE Ethernet**

At the same time, it supports Power over Ethernet (PoE), PD input, and can use a mobile power supply to power the device. Only one network cable can realize power supply and network transmission.

**One-click recording**

The USB3.0 interface supports up to 64G U disk or 2T SSD solid state drive, and realizes high-quality audio and video recording function with one key.

**Monitor and touch**

The 2.1-inch full-color touch monitoring screen can not only monitor the signal in real time, but also control it quickly.

**Easy to install**

TAO 1mini-N has double-rack screw holes, allowing you to enjoy a variety of installation experiences according to different scenarios.

**Portable and stable**

Exquisite and portable, it has a built-in ultra-thin large-diameter cooling fan to help cool the device.
TAO 1pro is a Broadcasting streaming decoder with a 5.5 inch FHD preview display, but also a 4 channels seamless video switcher for 2 USB 3.0 and 2 HDMI 1.3 inputs, and supports streaming directly by ethernet output which is ready to connect to external cloud based router and streaming from Anywhere to Everywhere.

TAO 1pro is compatible with standard USB 2.0 and USB 3.0 cameras by UVC protocol, and brings itself as a much affordable and user friendly streaming tools for anybody, the talents who is willing to be Anchor Online.

TAO 1pro is also with touch panel for finger configuration, and with optional 2 chargable battery extending its capacity for outdoor application.
Key Features

- 5.5-inch touchscreen operation
- Fast image processing
- USB and HDMI signal multicasting
- Multistream up to 4 Live Streaming platform Simultaneously
- video monitoring
- Dual battery Options
- Recording via USB 2.0 port
- Dual batteries for backup
- Endurance power supply
- HD touch-screen operation
- Fast image/color adjustment
- Multiple USB and HDMI sources supported, local preview and extended preview available
- Standard USB2.0/3.0, HDMI1.3 devices such as cameras, smart phone, tablet supported, stream anytime you like
- Dual battery Options
- Extending Monitor
- NDI5.0 Encoder
Scene 1: Seamless switching between USB and HDMI inputs
- 3.5mm Audio Jack
- USB 3.0 × 2
- HDMI × 2
- 2T Hard disk
- Microphone
- Camera
- PTZ
- Speaker
- 3.5mm Audio Jack
- H.264
- Multistream up to 4 Live Streaming platforms Simultaneously

Scene 2: Seamless switching between different USB inputs
- 3.5mm Audio Jack
- USB 3.0
- USB 3.0
- H.264
- Multistream up to 4 Live Streaming platforms Simultaneously
- Microphone
- Camera
- PTZ
- Speaker
- 3.5mm Audio Jack
- USB 2.0
- USB 2.0
- 2T Hard disk

Scene 3: Ready for Bluetooth remote control
- 3.5mm Audio Jack
- USB 3.0 × 2
- HDMI × 2
- Bluetooth controller
- Microphone
- Camera
- PTZ
- Speaker
- 3.5mm Audio Jack
- CAT
- wireless streaming

Scene 4: Input preview and extending monitor (90° supported)
- 3.5mm Audio Jack
- USB 3.0 × 2
- H.264
- USB 2.0
- 2T Hard disk
- Microphone
- Camera
- PTZ
- HDMI × 2
- Display

Scene 5: Outdoor wireless streaming
- 3.5mm Audio Jack
- USB 3.0 × 2
- CAT
- wireless streaming
- Microphone
- Camera
- PTZ
- HDMI × 2
- USB 2.0
- 2T Hard disk
TAO 1pro-S is an HDMI and SDI-NDI encoder with a 5.5-inch HD display, and a 4-channel seamless switcher with 2 USB 3.0 inputs and 1 HDMI 1.3 and 1 SDI input. 1 Gigabit Ethernet port supports live streaming, NDI encoding and decoding anytime, anywhere.
NDI HX3
H.264/H.265 codec
low bandwidth
Multiple input ports
HDMI, SDI, UVC
Input source supported
Preview
Tally
Feedback PTZ status
UVC control/PTZ
Remote adjustment of focus and angle

NDI Codec function
NDI HX3 H.264/H.265 encoding, low bandwidth, stable, high quality.

Multi-input HDMI, SDI, UVC
More ports make the device more professional.

Multi-mode PTZ control
UVC controls PTZ, which can remotely adjust the focal length and angle of the camera, and can easily control the camera without logging in to the background management interface.

Tally Light Control
Tally synchronizes with PTZ and feeds back device information.

Support input source preview
Switch preview function, support preview signal source function, no need to worry about switching errors when switching videos from multiple signal sources.

Low loss
Low latency
Stablize
Switch preview function, support preview signal source function, no need to worry about switching errors when switching videos from multiple signal sources.

Support input source preview
Switch preview function, support preview signal source function, no need to worry about switching errors when switching videos from multiple signal sources.
UVC to HDMI adapter

TAO 1tiny is the essential accessory for compact webcam and ePTZ camera users, enabling those cameras to become HDMI native devices connectable almost anywhere. This tiny inline convertor- measuring at just 9x5x3cm, provides HDMI connectivity for cameras and similar USB-C UVC capture devices, supporting popular VESA standard resolutions up to 4K Video transcoded to HDMI is uncompressed with full fidelity maintained for superior visual performance.
The ideal companion for USB cameras
Support for 4K USB-C video devices
Connect high quality USB Cameras
Output to any HDMI 2.0 display up to 4K@60
Lossless high definition video adapter

Efficient low-power by design
Power TAO 1tiny and UVC webcam conveniently with common USB-C hubs and power banks.

Empowering push streaming switchers
Empowering push streaming switchers
Transform streaming switchers into live presentation mixers, taking USB 3.0 streams to HDMI screens, projectors and displays.

Enabling remote camera controls
TAO 1tiny supports connection of USB control devices such as Bluetooth Receivers, allowing a connected webcam to be controlled without the need for web or pc software.

Smooth Real-Time Recording
Plug-and-play flash drive real-time recording, plug in the flash drive to start recording automatically, unplug the to end recording and save to local file. Low latency, no stuttering, save every wonderful moment in the palm of your hand.

Key Features
- Bonding Network Router
- 5*USB ports for TD-LTE standard Dongle
- Bonding up to 5 Dongle and 1 LAN together
- WAN external broadband bonding
- 2.4GHz+5.8GHz dual-band wifi
- wifi hotspot sharing
- Real-time status on LCD screen
- Optional built-in lithium battery with higher capacity
- 1/4 screw hole for rack mounting

Support for 4K USB-C video devices
Connect high quality USB Cameras
Output to any HDMI 2.0 display up to 4K@60
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ASK Collaboration System

RGBlink ASK nano puts the power of collaboration in your pocket with HDMI stocks and dongles that make screen sharing for laptops, tablets and mobile devices more convenient than ever.

Simply connect a compact ASK nano TX transmitter to a Windows or macOS computer for fast, driver free connection to an ASK nano RX receiver display – no lag, high frame rate, full rich colour video without compression.

ASK nano goes anywhere with no fuss wireless video sharing on demand everywhere.
Compact, yet powerful and easy to use, ASK nano systems enable screen sharing and presentation applications for everyone. With no-lag full fidelity video up to 1080P, presentations are immediate and engaging.

**Strong device compatibility, support for iOS/Android/Windows system applications**

**Video transmission is less than 129 milliseconds delay**

**Based on 802.11 AC 2T2R WIFI MIMO, stable connection**

**1920x1080@60Hz Ultra HD**

**Transmitter and receiver are automatically paired**

**High reverse thrust protocol, transmission distance is more than 40 meters, signal can pass through the walls**

**Plug and play**

The transmitter can access or search for WIFI connection directly, do not need to install any drivers or applications.

**Full color gamut**

ASK nano supports video resolution adaptive and automatic transmission conversion, supports RGB color gamut hardware processing, suitable for maximum visual performance.

**Wireless function**

Based on 802.11 AC 2T2R WIFI MIMO wireless automatic pairing technology, ASK nano also supports WIFI hot spot function connection, convenient to connect to mobile phone and Wireless PC terminal.

**High sensitivity, low latency**

Both transmitter and receiver adopt HDMI input interface. The signal transmission speed is much faster compare to the USB interface of the standard product in the market, and the transmitted signal source is higher sensitivity.

**Simple and compact**

The device is small in size and can be easily connected to the display screen and projector.
PTZ Camera Controller
RGBCTL-PTZ-BK

Four control modes: Two IP control modes (IP VISCA & ONVIF); Two analog control modes (RS422 & RS232); Three Control Protocols: VISCA, ONVIF and PELCO.
PTZ Controller

Enabling fast and accurate control of PTZ cameras, the RGBlink PTZ controller brings together control of multiple cameras into a single convenient console interface.

Control up to 255 PTZ cameras with both LAN port and serial port connectivity available. Joystick control along with intuitive one touch button controls deliver real-time control to cameras, complemented with an on-board LCD display.

4-dimensional Joystick
Make precise adjustments to camera attributes including movement, zoom, focus and selection with the multi-function broadcast style joystick control.

Fingertip Control
Buttons and rotary controls are arranged for quick access, arranged intuitively and conveniently. Set camera features such as speed, red and blue gain, focus, aperture, white balance, camera switching and other camera parameters along with accessing and setting presets, and more.

LCD Display
See and monitor status and configuration from the on-board LCD display.

Preset
Quickly capture settings as presets and views. Store up to 255 presets and recall simply via quick-touch keys.

Control for Serial Cameras
The controller offers RS232/RS422 ports allowing connection of up to 7 cameras via serial supporting VISCA/Pelco-D/I protocols and control for those remote cameras up to 1200m.

Power from the IP Network
Connect the PTZ controller anywhere on the IP network where power-over-ethernet (PoE) is available, to optionally power the console from the network without a separate power supply.

Connect More PTZ Cameras
Supporting VISCA and ONVIF protocols, connect up to 255 IP cameras to the PTZ controller.

Custom Operations
Configure customer functions including VISCA commands.

PoE
D Series
Presentation Processors
The D series has always been regarded as the leader in presentation-level image quality processing at different display stages in the industry. D8 continues to lead the display technology to become the first 8K@60-level video processor in the industry. Create a visual experience.

The D8 input supports 1 HDMI 2.1 interface, and can be equipped with 1 8K-level DP 1.4 and TYPE-C input, which can meet the switching between different 8K input transmissions and 2 8K signals on site.

The D8 is equipped with a 4-inch LCD touch screen, which optimizes the overall front panel aesthetic design and optimizes the user experience. No connection is required. The front panel is controlled by touch, and the touch control is used to switch modes, and view the input and output status in real time.

D8 adopts a new design method, built-in 4-inch LCD touch screen, touch to view the monitoring input and output status. Through the HDMI output expansion on the real front panel and support for USB connection keyboard and mouse control, it is completely separated from the computer to achieve timely control and meet the various control needs of users.

The first 8K-class video processor
The new 8K architecture design supports HDMI 2.1, DP 1.4, and Type-C different interfaces to truly realize the input of 8K signals. By selecting any one channel of 8K input, two channels of 8K content transmission and signal switching can be realized.

The output can be independently and arbitrarily zoomed and controlled, so that it can easily cope with the updating of different sizes of displays and any split screen on site. It can also realize 4-way HDMI 2.0 duplication output. If the resolution of 4 displays on site is different and the same content output is displayed independently, D8 can satisfy it.

Custom Display and Stitching

The output can be independently and arbitrarily zoomed and controlled, so that it can easily cope with the updating of different sizes of displays and any split screen on site. It can also realize 4-way HDMI 2.0 duplication output. If the resolution of 4 displays on site is different and the same content output is displayed independently, D8 can satisfy it.

- Standard 8K stitching
- Unequal 8K stitching
Genlock synchronization

Genlock frame synchronization is used to ensure seamless transmission of each panel splicing and content, and large-screen display timing can be realized in multi-screen and multi-video processing solutions for tearing of the picture, synchronous display of afterimages.

4 inch LCD touch screen

The built-in 4-inch LCD touch screen optimizes the overall front panel aesthetic design and optimizes the user experience. You can directly control and select switching modes through the front panel touch. The front panel can also check the input and output status in real time without using an external display screen to ensure display security.

8K decoding application on MAC

It can decode the video picture on the Mac and output four 4K signals to the display terminal.

8K LED display

It can decode the video picture on the Mac and output four 4K signals to the display terminal.

multi-platform control

D8 is mainly controlled by R&D XPOSE software, but in addition, D8 also supports Android, Apple mobile phone/tablet control, and also based on IP-controlled Webserver. In addition, D8 also provides open API files for customers to use third-party equipment, which truly meets different customer site control needs.

Genlock synchronization

It can decode the video picture on the Mac and output four 4K signals to the display terminal.

8K LED display

It can decode the video picture on the Mac and output four 4K signals to the display terminal.
Designed for 4K video switching for professional applications, D4 is a very flexible switching and scaling solution dual configurable 4K output channel. On board is a comprehensive set of features to process the video requirements of modern 4K signals including those supporting HDR.

Truly multi-signal, D4 may be fitted with a wide range of input signals including HDMI 2.0, DisplayPort 1.2 and 12G-SDI, along with conventional 2K signals. Fully modular, outputs can be duplicated too via the option slot.

Full YUV 4:4:4 and 12 bit on board processing engine, D4 meets the highest performance standards. Whether scan conversion, scaling, seamless presentation switching, or stitching D4 is ideal for performance and broadcast workloads.
HDR Signals with High Dynamic Range are supported for processing via the processor with high bandwidth and wide gamut 12bit grey level processing.

Format
D4 accepts all common 2K & 4K input formats, with EDID management built in. Output to any 2K or 4K format with custom resolutions able to be specified to downstream requirements.

HDR
Signals with High Dynamic Range are supported for processing via the processor with high bandwidth and wide gamut 12bit grey level processing.

Full Colour Gamut
The D4 advanced video engine offers 12bit YUV4:4:4 processing delivering rich vibrant colours avoiding pre-output compression for superior image performance.

Multi-Signal 4K Switching
Highly modular, D4 allows varying 4K signal sources to be synchronised and presented for output and switched seamlessly on demand. Input options include HDMI 2.0, DisplayPort 1.2 & 12G-SDI.

Pixel to Pixel Scaling
Scale outputs to any size in the set output resolution.

Output Splicing
Split output across the dual output channels providing an 8K x 2K display canvas and seamless pixel to pixel hard edge blend.

Dual 4K Output Channels
D4 is standard with two 4K / HDMI 2.0 outputs configurable in resolution and operation mode. Outputs may be duplicated to optional secondary outputs as HDMI, DisplayPort or SDI.

Visual Enhancements
Apply a range of visual effects and enhancements with fine grain controls.

Mirror/Flip
Horizontally or vertically mirror or flip output up to 8K2K. D4 is ideal for projection applications with large format projectors.

Genlock
Sync and frame lock with Genlock Y at up to 4K with selectable resolution. A loop through is provided allowing D4 to sync inline.

Crop & Position
Select X and Y offsets along with width and height to select any image part for output.

Intuitive Controls
Configure and control D4 conveniently from the front panel, remotely over a LAN with RGBlink XPOSE or any controller via the RGBlink OpenAPI.

D4
Multi-Layer 4K Video
Make use of multiple video sources with operation modes for PIP over background presentation mode.
Standard in 2K presentation switching

With unrivalled features and performance, D2 is sophisticated yet easy to use. Flexible in operation, with multiple operation modes, the processor is capable of supporting a wide range of usage scenarios across scaling, presentation switching, cross conversion and more.

True two channel design supports up to eight inputs covering all common signal types including 3G-SDI, HDMI, DisplayPort and more.

D2 offers best-in-class visual performance from the RGBlink video processing engine, and coupled with features such as flip, rotate and Chroma Key, along with EDID management and Genlock the processor is a comprehensive solution platform for processional applications.
Flexible Processor Operations

D2 operation modes provide a high level of configurability allowing an extremely wide range of usage application, making the device ideal for demanding events and broadcast applications alike.

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Flip, Mirror, Rotate

Make use of powerful controls to deliver video content to displays in portrait as well as rear projection application. D2 has built-in functionality for mirror, flip and 90 deg increment rotations.

DSK/Chroma Key

On PIP, DSK or a Chroma Key can be applied, ideal for logos, overlays or masking.

Flip, Mirror, Rotate

Make use of powerful controls to deliver video content to displays in portrait as well as rear projection application. D2 has built-in functionality for mirror, flip and 90 deg increment rotations.

Visual Effects

Apply a range of built-in visual effects and enhancements, including: Chroma, Brightness, Contrast, Hue, Gamma, Colour Temperature, Inversion, Sharpness and Noise Reduction.

Expand Inputs

D2 has an input slot, with a wide range of options available including SDI, HDMI, DVI, VGA, CVBS, USB media as well as 4K for DisplayPort/HDMI.

Output Expansion

The output slot supports either a standard LED Sender Card (which can then be controlled directly from an Xbase) or an output option either the two channel SDI module or single channel SDI/Fiber/HDbase7 module.

Connect and Control

Remotely configure and control D2 from XPOSE on Windows or macOS via LAN or USB. Install the app for iOS or Android to for even more convenient portable control.

Genlock

Genlock Y' in is included enabling synchronised operations across connected video devices.
For large scale video applications, X20 takes hardware-based processing to a whole new level. Ideal for complex applications with diverse signals and resolutions, X20 brings together up to 160 video sources for display across up to a massive 144 outputs in a single robust and modular frame.
4K Native
X20 includes support for common 4K signal types including Dual Link DVI, HDMI and DisplayPort. High resolution signals combined with other resolutions to create windows/layers out output display areas.

Multi-Layer / Multi-Window
With up to eight layers per output slot, windows may be created for any scale, crop, or position. Windows may overlap others as well extend across outputs while tear-free and maintaining completely in sync.

300 Mega Pixel Canvas
For even the largest displays and display systems, X20 gives the capacity to create and deliver on the most ambitious possibilities. Power multiple displays of 8K, 16K and more.

Remote Control & Configuration
All features of X20 may be accessed from the acclaimed RGBlink XPOSE 2.0 software application that features a rich graphical UI. Additionally, X20 may also be integrated in BMS or other control systems using UDP, via the RGBlink OpenAPI.

Hi-Availability Operations
Modularity extends to high performance server-grade power supplies included with X20. For fully power redundant operations, X20 offers slots for secondary power supplies too.

Real Time Data Protection
All current settings are stored in static memory for immediately resumption in the event of recovery from a power loss.

Display Container Management
Create and manage independent output display areas (containers) across multiple outputs, each display area as a virtual pixel space is able to make use of any source and be managed independently from other containers.

Preview Remotely
Configure X20 interactively with source video previews to RGBlink XPOSE control software from dedicated outputs injecting IP video.

Modular by Design
Combine multiple signal types by fitting input and output modules, select from a wide range of signal types.

OSD
Apply text, messaging and subtitles using On-Screen-Display of text as overlays as banners or text only. OSD text is stored on board X20 for recall on demand.

High-Capacity System
X20 card-frame style SmartSlots™ provide for up to 40 input and 36 output modules. The system architecture supports hot-swap of modules with auto-detection of inserted module type.
160 Mega Pixel Video Display System

For entire video display systems, X14 brings a new level of efficiency, capability and control. Supporting up to massive 52 inputs and up to 40 outputs, X14 truly brings together large video systems for system-in-box approaches to video presentation and integration.

Modular throughout RGBlink technologies support user fit input and output signals with each slot configurable up to 4K/UHD resolutions at full frame rates. With so many inputs, windowing and layering capabilities are dramatically enhanced with an output canvas of up to 160 mega pixel layer processing.

Dedicated preview functionality is available both remotely via XPOSE and on the inbuilt LCD display with XPOSE embedded directly into the processor for monitoring control capabilities.
**Video Display as a System**

X14 is unique adaptable to multi-role systems with the capacity for both a large number of inputs and outputs. The range of user-fit modules allows X14 to be customised on demand and brings together usually diverse display solutions as a signal system reducing complexity, reducing the need for ancillary equipment and enhancing overall system performance. Multiple operation modes allow X14 to be deployed in a wide range of applications.

**Multi Role, Multi Application**
Select the operation mode suitable for the application from continuous video wall mode to presentation mode and routing modes. There is also processing capabilities for 3D and mixed device application.

**Modular Design**
X14 has 52 input slots which may be configured with universal quad modules. Similarly for output universal quad modules maybe fitted to any of the ten slots for 40 2K output, 10 4K outputs or a combinations of both. A wide range of signal options are available including digital input and output modules, SDI up to 12G and conventional signal types.

**4K / UHD Support**
Select from digital input and output options including HDMI and DisplayPort.

**Video Over IP**
X14 includes options for video over ethernet standards including HDBaseT modules allowing direct connection to displays without conversion.

**Rotate & Flip**
Rotate outputs in 90deg increments, flip, invert. X14 also supports RGBlink ARO™ modules for advanced 1 degree rotation and edge.

**Chroma Key/DSK**
Apply a key from presets or specify to requirement for foreground keying against the background layer.

**larınd & Splice Video Walls**
Seamlessly, in complete sync, display video across a display canvas of multiple outputs.

**160 Mega Pixel Display Area**
Arrange outputs on a virtual canvas to create very large display surfaces with 2K and/or 4K components or build multi-display systems synchronised or as independent display containers.

**4K Support**
Select from digital input and output options including HDMI and DisplayPort.

**Preview on Board**
The integrated LCD display allows live source and output video monitoring as well as signal status.

**Local Controls**
Use the built in touch screen to not only monitor an X14, but also control selected features and operations directly from the device.

**Streaming Preview**
Use built in touch screen to not only monitor X14, but also control selected features and operations directly from the device.

**Connect & Control**
Unleash powerful onboard capabilities with remote configuration and control via RGBlink XPOSE or BMS controllers with RGBlink OpenAPI
Redefining 8K Video Processing

Industry leading X series video processing platform takes a massive step into the 8K future with X8. Designed and built for demanding high performance where 4K is the norm, X8 provides unparalleled multi-signal compositing, sync and switching with low latency while maintaining and enhancing visual fidelity.
Live Virtual Control
RGBlink XPOSE 2.0 provides an industry, intuitive to use configuration and control platform for advanced RGBlink processors including X8.
Signals can be previewed live, multiple display system containers built, presets created and managed. Playback facilities include live and broadcast style as well as scheduled timeline-based options and more.

- **Up to 48 4K Layers**
  Take advantage of powerful multiple 4K layers – output up to 48 scaled layers/windows on a fully configured system across 12 4K outputs, with up to eight 4K layers on any output port.

- **Seamless 4K & 8K Switching**
  Open, switch and transition video layers seamlessly with full sync even across multiple outputs. Transition between multi-signal, multi-scene presets, and PIP over background layers, bringing together 4K and spliced 8K sources on demand.

- **8K Source Management**
  Splice 4K inputs and outputs for 8K operations fully in sync tear and glitch free, retaining the rich visual content even when scaled.

- **Full Color Space**
  Process high resolution video without compression or loss. X8 is 4:4:4 native with wide bandwidth in device to process high quality video without compromise. Up-sampling of 4:2:0 and 4:2:2 content to 4:4:4 is also supported.

- **Seamless Synchronization**
  RGBlink technologies ensure high performance very low latency hardware-based video processing. Synchronization and delivery of signals of any resolution across multiple outputs is tear-free and scaled pixel-to-pixel.

- **Build for Integration**
  Leverage RGBlink OpenAPI to connect from almost any platform, allowing integration capabilities that go way beyond simply triggering presets or scenes.

- **Powerful Display Systems Controls**
  Unlock unique and extensive device capabilities with the RGBlink XPOSE 2.0 control platform built right into X8 and accessible via a web browser. Create entire display systems comprised of not only multiple resolution displays but also displays of any format or type.

- **Native IP Streaming**
  Stream H.264 video sources via the LAN port providing live previews in browser connected XPOSE 2.0 configurations, presets and playlists.

- **Lower TCO**
  Fit modules and components to the X8 system without unneeded overhead or bloat. Hot swap and exchange input and output modules without powering down the overall system. The modular design enables higher up times, ease of maintenance, and operational efficiencies.

- **World Leading Development**
  RGBlink designs, develops and manufactures in house, with unique capabilities and draws from the extensive RGBlink IP pipeline and experience in creating the advanced capabilities in the X8 processing platform.
Quality without Compromise

Maintain the highest fidelity of source signals without compression or loss with 4:4:4 YUV/RGB colour space.

Manage video chroma sub-sampling and up-sampling of 4:2:0 and 4:2:2 sources for maximum flexibility.
Flexible Canvas Assignment

The ultimate in flexibility, create layouts in pixel space canvas, mapping sources as layers across positioned displays.

Save and recall layouts and presets on demand for visually engaging experiences powered at the edge with RGBlink X8.
Large scale video wall processing

Bring together entire video display systems with X7. With up to 32 outputs and a 64 mega pixel capacity, X7 is equally at home delivering fully synchronised video to large video walls or multiple video walls and creative displays of all types.

X7 is a true multi-window / multi-layer video wall solution. Connect and configure input sources just once while routing, scaling positioning and presenting across multiple outputs or display areas.
Multi-Mode Operations
X7 outputs can be configured in one or multiple modes, with pixel space allocated to each mode as a virtual container. Operation modes include Matrix, Video Wall, Presentation, 3D, Rotation and Blending.

Configure Outputs
Set the output resolution and scale to multiple display sizes, take advantage of outputs arranged in multiple container/display areas for flexible multi-display use.

Modular by Design
All X7 inputs and outputs are modular and hot swappable. Arranged in slots, each slot supporting a 4K signal or four 2K signals. A wide range of signal options available allowing native connections.

LOGO/Frame Capture
Capture a frame and store on board for recall on demand, including for use as fallback.

Remote Control
Control X7 from RGBlink XPOSE, XPOSE mobile or T Series consoles. For integrators, control via RGBlink OpenAPI is also available.

The XPOSE control platform provides intuitive rich controls unlocking and enabling powerful video control scenarios on the X7 hardware processing platform.

Video Wall Display & Control
Create and display a seamless stitched video wall with continuous or dynamic content.

Presentation Switching
Preview presets (PST) and TAKE to PGM in broadcast style with controller of choice.

Creative Displays
With RGBlink ARO modules fitted, map video across displays arranged physically on a virtual canvas or pixel space.

Large Scale Projection
Blend video from the X7 with RGBlink ARO to projection displays arranged in almost any configuration.

128 Mega Pixel Splicing
Fit up to 32 2k or 16 4k outputs to create continuous video walls in any arrangement with all video fully synchronised to the outputs, pixel-to-pixel. Use with displays including LED, LCD and projection.

Host & Manage Display Systems
Bring together displays with a single video processor controller with coordinated or independent control and efficient single source processing.

Multi-Layer | Multi-Window
Output video layers or windows scaled and positioned across one or more outputs. A fully configured X7 can support up to 64 layers (or 256 layers if all outputs are H.264 modules).

Full Color Space
Internal high bandwidth processing maximises quality and with 4:4:4 color space support.

H.264 video stream
Stream video input sources via dedicated H.264 ports. Display source previews in XPOSE or video players. Customise port configurations to suit the application.

Rotate with Precision
Fit ARO™ Advanced Rotation Output modules to orient video in support of physically rotated and creativity arranged displays. ARO outputs may be rotated in 1-degree increments and positioned in pixel space. Use zoom to support display of differing density.

Synchronise
X7 includes both Genlock and HDMI Digital Reference inputs, allowing a variety of synchronisation scenarios.

Preview Sources
Install up to four PW source preview modules in any of the X7’s output slots to stream video sources to XPOSE or third-party clients. Connect the display via DVI for local multi-view source monitoring.
X3 universal processors are 16x8 scalable videowall control solutions that are dynamically configurable to meet the demands of high-resolution modern displays. The high performance 12bit 4:4:4 processing engine delivers video scaled pixel-to-pixel to multiple outputs that are seamlessly spliced and fully synchronised. A dedicated, high-speed video/graphic but maintains real-time performance even regardless of the signal load or type.
Remote Control
Control from RGBlink XPOSE, XPOSE mobile or T Series consoles. RGBlink OpenAPI allows X3 to integrated and controlled from almost any system.

Multi-Layer | Multi-Window
Output video from multiple sources as layers or windows scaled and positioned across the output pixel space.

Multi-Mode Operations
X3 outputs can be configured for a range of operation modes including Matrix, Video Wall, Presentation, 3D, Rotation and Blending.

Preview Sources
Fit up to two PVW source preview modules to the dedicated slot on an X3p to stream video sources to XPOSE or 3rd party clients. Connect a display via DVI for a local multi-view source monitoring.

UHD 4K 60Hz Signal Support
Select input and output modules for 4K60 signals – options include HDMI 2.0, DisplayPort 1.2 and 12G-SDI

Configure Outputs
Set the output resolution and scale to present video pixel-to-pixel on displays of all sizes.

Modular by Design
All inputs and outputs on the X3 & X3p are modular and hot swappable. Arranged in slots, each slot supporting a 4K signal or four 2K signals. A wide range of signal options available allowing native connections.

LOGO/Frame Capture
Capture a frame and store on board for recall on demand, including for use as fallback.

OSD
Overlay text in almost any font and style, with or without key. On Screen Display text is stored on board.

DSK / Chroma Key
Remove a background from a foreground layer using a preset or manually select color values.

Video Wall Display & Control
Create and display a seamless stitched video wall with continuous or dynamic content.

Presentation Switching
Preview presets (PST) and TAKE to PGM in broadcast style with controller of choice

Creative Displays
With RGBlink ARO modules fitted, map video across displays arranged physically on a virtual canvas or pixel space

Large Scale Projection
Blend video from the X7 with RGBlink ARO to projection displays arranged in almost any configuration.

Rotate with Precision
In addition to 90-degree rotation and Fit ARO™ Advanced Rotation Output modules to orient video in support of physically rotated and creativity arranged displays. ARO outputs may be rotated in 1-degree increments and positioned in pixel space. Use zoom to support display of differing density.

Synchronise
Genlock and HDMI digital reference inputs are provided, allowing synchronisation with other devices in the system.
M Series
Mixing & Scaling
Bringing together sophisticated presentation switching with advanced mixing capabilities into a single device, this vision mixer console includes broadcast style features for quick usage and access for any event or presentation. Integral dual eight-inch LCD displays provide monitoring of video sources, full preview, and program outputs. At the rear of the M3, the unique RGBlink modular platform becomes apparent, with a host of signal options and features.

Along with the on-board LCD monitoring, signature large tactile illuminated buttons feature with T-Bar mixing controls. Up to six outputs may be fitted to M3 for presentation solutions that go beyond just vision mixing, and with powerful scaling features, M3 is a fully integrated video system suitable for professional environments across entertainment to integration.

M3 is available in two variants with the M3e model having additional features for AUX outputs when fitted, including PIP capabilities and more.
Integrated vision mixer & scaler

12 mega pixel capacity

PST to PGM presentation switching

Dedicated background Inserts

Dual LCD displays built in

Genlock Y In

Support for Tally

Genlock

Genlock Y in is included enabling synchronised operations of M3 across devices connected to a Genlock generator/source.

Scale

Set output resolution independently from input resolutions, and scale the output pixel-to-pixel, ideal for direct connection to non-native displays such as LED. Arrange scaled layers in any position.

Dual 2K Outputs

M3 is standard with two HDMI outputs. These outputs may be configured in a variety of ways – modes – included standard duplicated output, dual 2K (4Kx1K) or where AUX is fitted as spliced & extended.

Auxiliary Outputs

With the optional AUX output module fitted, four 2K outputs are added to M3 (bringing the total to six 2K outputs). The AUX outputs are ideal for use as relay monitors, for distributed signals or spliced displays. With the M3s model, AUX outputs add PIP support.

Multiview Preview

M3 features a dedicated multi-view preview display available both from the on-board LCD and via a dedicated HDMI output. This configurable PVW can display up to eight input sources.

Digital Effects

A video mask may be applied to a foreground PIP video layer. There are wide range of included masks, and in additional users may load custom masks for even more creative control. Other effects available include DSK/Chroma Key, blend edge softening effect and frames/borders including drop-shadow.

Crop & Position

Select X and Y offsets along with width and height to select any image part for output.

OSD

Import On Screen Display text messaging overlays in virtually any font or style, and either moving static. M3 provides a dedicated TAKE facility for OSD independently of the video TAKE.

LOGO & STILL

Import and apply a STILL (watermark) or LOGO (channel transitions with TAKE), these layers are additional overlays regardless of video layers in use.

Video Wall Presentations

Present to large video wall displays utilising up to 4K1K with multiple video layers with PST/PGM switching.

M3e Spliced Displays

With an AUX module fitted to an M3 and an HDMI Loop, connect up to four displays to form a 4K display with PIPs and PST/PGM configuration.

M3e Spliced 4K Presentation

With an AUX module fitted to an M3 and an HDMI Loop, connect up to four displays to form a 4K display with PIPs and PST/PGM configuration.

PST/PGM Monitoring

An onboard LCD display is dedicated to providing monitoring of PST and may also be switched to show PGM. For external duplication of this monitoring, a dedicated HDMI output port is also provided.

Modular Inputs

A wide range of input options are available with up to twelve inputs able to be user fitted. Input options include HDMI, DVI, SDI, DisplayPort, CVBS and USB 2.0 media.

Presentation Mixing

Display and preview multiple video sources duplicated across outputs allowing main and relay display possibilities.

Contact

Reference

Software

Accessories

PRO AV

Digital Processors

D Series

X Series

FLEX Series

M Series

Q Series

M Series

T Series

Subito Series

RMS Series

MSP Series

Video Tools

Extenders

Signal Convertors

Signal Distributors

STREAMING

CAPTURE

SWITCHER

STREAM/DECODER

COD/DECODER

ASK Series

Collaboration Solutions

CAPTURE

SWITCHER

ENCODER

DECODER

HEADER

SUB TITLE

CSS

CAPTURE

SWITCHER

SWITCHER

ENCODER

DECODER

CSS
Ideal for meeting and conference rooms, houses of worship and any events spaces where hands on video control is needed for one of more displays, M2 is a complete integrated video processing and control solution.

M2 is packed with advanced features across multiple operation modes that offer a high level of flexibility for live presentation applications.

Choose from two models – M2 with four HDMI outputs or M2s with additional duplicated two channel output via SDI and HDMI ideal for connecting downstream devices such as recording and streaming.
Both output channels are duplicated offering the same output as program and monitor. PIP’s are available in this mode with PIP/layer count dependent on output resolution and layer arrangement.

### Group Mode
Both output channels are duplicated offering the same output as program and monitor. PIP’s are available in this mode with PIP/layer count dependent on output resolution and layer arrangement.

### Output Splicing Modes
Split output across dual output channels for 4K x 1K split with PST, or across all four outputs for a videowall output of up to 8K x 1K.

### Digital Effects
A video mask may be applied to a foreground video layer. There are wide range of included masks, and in additional users may load custom masks for even more creative control. Other effects available include DSK/Chromakey and blend edge softening effect.

### Scale
Set output resolution independently from input resolutions, and scale the output pixel-to-pixel, ideal for direct connection to non-native displays such as LED. Arrange scaled layers in any position.

### Crop & Position
Select X and Y offsets along with width and height to select any image part for output.

### Multiview Preview
M2 features a dedicated preview output via HDMI. This output presents a Multiview including preview of up to eight input sources.

### OSD
Import On Screen Display text messaging overlays in virtually any font or style, and either moving static. M2 provides a dedicated TAKE facility for OSD independently of the video TAKE.

### LOGO & STILL
Import and apply a STILL (watermark) or LOGO (channel transitions with TAKE), these layers are additional overlays regardless of video layers in use.

### Presentation Mixing
Display and preview multiple video sources with PIP fade-in fade-out over background layer.

### Spliced 4K Presentation
Use all four outputs to form a 4K display fully synchronised and tear free.

### Video Wall Presentations
Present to large video wall displays utilizing up to 4K1K with multiple video layers with PST/PGM switching

### Presentation Switching with Effects
Add a standard or custom mask to a PIP layer to enhance the presentation.

---

**Integrated vision mixer & scaler**

**Four configurable 2K outputs**

**Up to modular inputs**

**Dedicated preview output**

**Genlock Y In**

**Tally Support**

**Choice of two models**

---

**STREAMING**

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- [Extenders](#)
- [Signal Convertors](#)
- [Signal Distributors](#)

**ACCESSORIES**

- [Contact](#)
- [Reference](#)
- [Software](#)
A complete solution, simply connect M1 to any display and start presenting. Front panel console style controls together touch screen display make M1 intuitive and natural in use, even for the new operator.

More than just a video mixer, M1 allows full scaled output to modern displays without to additional equipment. For stage/conference presentations on board features including PIP (picture-in-picture) add powerful capabilities to make use of additional video sources including cameras.

M1 is also equipped with NDI decoding module, which supports up to 4 Gigabit NDI network ports, which can realize high-quality, low-latency, long-distance transmission applications up to NDI |HX2.

While compact in size, M1 brings together essential features for small presentation environments, including audio mix features allowing connection to audio mixers or powered speakers.
Fully integrated video scaling and mixing for everyday

A complete solution, simply connect M1 to any display and start presenting. Front panel console style controls together with touch screen display make M1 intuitive and natural in use, even for the new operator.

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While compact in size, M1 brings together essential features for small presentation environments, including audio mix features allowing connection to audio mixers or powered speakers.

Features
- Up to 4 different input signal modulars can be installed at the same time
- Four modular user fit inputs
- Single channel output on HDMI (optionally SDI)
- Resolution independent configurable output
- Dedicated Multi-View Preview
- Picture in Picture with DSK & Mask effects
- Digital video transition effects
- Pixel-to-pixel scaling engine
- Digital stereo audio processing
- Support for external audio insert and output
- Genlock Y In
- Remote control via XPOSE mobile app.

NDI Decoding
M1 is equipped with NDI decoding module, which supports up to 4 Gigabit NDI network ports, which can realize high-quality, low-latency, long-distance transmission applications up to NDI | HK2.

Dedicated Preview
A dedicated HDMI output with multi-view is provided from which both PGM and PST can be monitored, along with input sources and audio levels.

Mixed Audio
Both embedded and insert audio are supported with separate left/right audio level controls available on the front panel. Audio may be selected independently from the video source. PPM monitoring maybe shown on the PVM as visual confirmation of source and output.

Transition Effects
There are over a dozen transition effects and wipes built into M1. These maybe used via the T-bar or timed from the TAKE button.

Digital Effects
The PIP may have an effect applied - options include masks (with a range built-in as well as support for custom masks), DSK/Chroma Key to remove a background colour and variable edge blend, as soften effect to allowing the PIP to merged with the main image.

Video Mixing
M1 vision mixer style control panel provides a range of tactile controls including familiar T-Bar and large illuminated buttons for easy of operation.

Modular by Design
Each input is individual and are user fit – choose from a wide range of modular signal options. Modules are highly standardised across the RGBlink range for event greater flexibility.

Input options include HDMI, DVI, SDI, CVBS, USB and NDI more.

Output options are HDMI or HDMI|SDI|USB 3.0.
FLEX Series
Mixed Signal Matrix
FLEXpro^8

Next generation flexible solution for sophisticated video applications

FLEXpro8 is an all new video processing solution for modern large scale display applications. With support for over 18 mega pixels across eight outputs, FLEXpro8 is designed for professional applications. Fit up to 16 independent inputs integrating a range of video sources and signals utilised in commercial display systems.

The innovative RGBlink modular signal system provides native on support for HDBaseT, Fiber and LED Control signals as well as conventional signals, embracing flexibility while being an efficient self-contained system.

Whether for integration or proAV FLEXpro8 has the multi-signal, multi-layer technology for virtually any display application.
**HDR Support**
Signals with High Dynamic Range are supported for processing via the processor with high bandwidth and wide gamut 12bit grey level processing.

**Full Color Space**
Video scaling and conversion takes advantage of the RGBlink full 4:4:4 in hardware processing engine for the maximum visual performance.

**Modular Design**
FLEXpro8 has 4 input slots which may be configured with up to 16 universal single modules or 8 dual height modules. Input support includes 4K@60 (HDMI2.0) as well as SDI, DVI, HDBaseT and USB2.0 Media. Modular outputs across 2 slots provides for 8 outputs, standard as DVI with options for SDI, HDMI, DVI, DisplayPort, HDBaseT and importantly native Subito Quatro signals.

**Multi-Mode Operations**
Select the operation mode suitable for the application from continuous video wall mode to presentation mode and routing modes.

**4K / UHD Support**
Select from digital input and output options including HDMI.

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FLEXpro8 has 4 input slots which may be configured with up to 16 universal single modules or 8 dual height modules. Input support includes 4K@60 (HDMI2.0) as well as SDI, DVI, HDBaseT and USB2.0 Media. Modular outputs across 2 slots provides for 8 outputs, standard as DVI with options for SDI, HDMI, DVI, DisplayPort, HDBaseT and importantly native Subito Quatro signals.

**Multi-Mode Operations**
Select the operation mode suitable for the application from continuous video wall mode to presentation mode and routing modes.

**4K / UHD Support**
Select from digital input and output options including HDMI.

**HDR Support**
Signals with High Dynamic Range are supported for processing via the processor with high bandwidth and wide gamut 12bit grey level processing.

**Full Color Space**
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**Multi-Mode Operations**
Select the operation mode suitable for the application from continuous video wall mode to presentation mode and routing modes.

**4K / UHD Support**
Select from digital input and output options including HDMI.
Video Wall Processor
Configure FLEXpro 8 as video wall splicing processor with up to 32 layers presented. Outputs may be arranged in pixel space as one of more displays with video mapped across the pixel space. Switch between presets seamlessly.

Example: 16 independent sources displays as PIPs within each display, with a background image. Preview the connected sources via dedicated HDMI.

Example: 5 independent sources displays as PIPs within each display, with a background image. Preview the connected sources via dedicated HDMI.

Remote control
Control FLEXpro 8 via XPOSE, T1 Series consoles, or integrate via RGBlink OpenAPI with XPOSE and OpenAPI unlocking the powerful video control possibilities.
**FLEX RS1**

**Creative Power - Advanced Rotation and Blending Processing.**

For creative video display applications anywhere, RGBlink FLEX RS1 extends the possible. FLEX RS1 adds new levels of flexibility to hardware based video solutions. With multiple operation modes, the four FLEX RS1 outputs may be utilised for advanced rotation, blending and splicing from a choice of 4K inputs.

Each output is resolution independent. In rotation applications, each output can individually be rotated in single degree increments, positioned on a virtual canvas or pixel space with support for variable pixel densities.

As a blending processor for projection, variable edge blending is configurable to produce panoramic displays or arrays in any configuration.

For splicing applications – ideal for LED displays – FLEX RS1 is an easy to use compact processor for up to 8K x 1K.

**4K Digital Input**

FLEX RS1 features the RGBlink 4K60 digital input module for high resolution digital media sources to be connected via DisplayPort or HDMI. For rotation and blending applications, the 4K input provides for high quality visual signals to be used with minimum need for upscaling.

**RGBlink ARO™**

Advanced Rotation and blending Output module features four DVI outputs with wide processing capability enabling sophisticated real time video display independent of source video.

**Multi-Mode Operations**

Suitable for a wide range of usage applications from installation to events, for creative rotation to blending and splicing, FLEX RS1 is a self-contained solution that simplifies advanced operations with a single device providing high level commonality across diverse applications.

**Independent Output Resolution**

Each of the four outputs is resolution independent.

**Flip/Mirror**

Outputs may be flipped in support of rear-projection applications or similar.

**Scale Crop & Position**

Position displays on virtual canvas, select area of interest to set density and relative display size.

**ArtNet for Performance**

FLEX RS1 has ArtNet built in, with an extensive DMX12 control profile, RS1 may be dynamically controlled from DMX show controllers allowing for real-time animation applications.

**Integrate with OpenAPI**

Control FLEX RS1 remotely from third party devices and applications with RGBlink OpenAPI UDP command set.

**Familiar XPOSE Configuration**

FLEX RS1 maybe connected via Ethernet to a computer running XPOSE for control and configuration within the RGBLink universal application platform. The intuitive visual interface templates and interacts with FLEX RS1 for full control and configuration.
Variable Edge Blending
As an edge blending processor, FLEX RS1 may be configured to output video enabling up to four projectors to be arranged combined to form a single display surface. Area of interest is also selectable allowing variable projection distances and non-linear overlaps.

4K Video Wall Splicing
Adding to the versatility of FLEX RS1 is the facility to use the processor as a 4K video wall controller with outputs able to be configured independently for a range of display possibilities.

Matrix Routing
Take advantage of all four inputs, routing scaling/converting to each of the four DVI outputs. Each output has independent resolution.

Advanced Rotation
FLEX RS1 enables displays to be physically positioned and rotated in fine single degree increments, with the processor mapping and delivering video content to the display surface based on position in pixel space. Variable density allows displays of varying sizes to be combined to form creative video display solutions.

Each of the four outputs may be configured individually with rotation in 1 degree positioning. Video layered and mapped across the output displays.

Overlapping displays are supported in any arrangement, opening up a wide range of application possibilities.

Each output can be configured independently allowing displays of multiple sizes and pixel densities to be supported.
As hybrid mixed-signal matrix, FLEX supports any-in-any-out signal switching as one-to-many, many-to-many and many-to-one. FLEX products provide a simple user-focused structure that maximises flexibility and allows installation with the overhead of unutilised signals.

Input and output modules across the FLEX series are common and include a wide range of signal options that can be mixed-and-matched to requirement, reducing the need for external converters, reducing points of failure and reducing complexity, saving space and enhancing performance.

Fully Modular Design

Matrix Operations
As a hybrid mixed-signal matrix, FLEX supports any-in-any-out signal switching as one-to-many, many-to-many and many-to-one. FLEX products provide a simple user-focused structure that maximises flexibility and allows installation with the overhead of unutilised signals.
Q16 pro is a high-performance video image processing system and high-performance video splicing server using pure hardware and leading-edge FPGA processing architecture. Offering a range of input and output signals via a card-based structure, and supporting hot swap of modules, and options including redundant power supplies, Q16 pro is a stable high-performance platform that can be deployed in varied applications including corporate and visual messaging as well in retail and digital signage applications.

The Q16 pro models allow connection of 4K video sources as well as output to 4K, with outputs offering multi-screen and multi-layer capabilities. A host of features are built in to Q16 pro, including EDID management, 3D image processing, and highly configurable OSD features at high-definition.
Multi-layer Multi-Window
Q16 pro offers up to 8 2K windows or 4 4K windows per output slot. Layer resources are able to be freely used across any of the outputs within a slot for maximum availability and efficiency, including combinations of both 2K and 4K layer windows. Q16 pro layering allows multi-window applications for large scale and spanning multiple display outputs.

Frame Sizes for Every Scale
Q16 pro models range from the compact 1U through to 26U with up to 160 inputs and 160 outputs with common modules across the range. Q16 pro is truly scalable for even the largest applications.

Take Control
Configure and control Q16 pro devices from the acclaimed RGBlink XPOSE apps for laptop/desktop and mobile devices.

Input and output preview
Equipped with 2 high-definition multi-screen monitoring output interfaces, it can monitor 16 input or 16 output at the same time. Among them, 16-input source preview supports 4/9/16 screen interfaces, it can monitor 16 input or 16 output at the same time.

Dual network communication
Supports dual network communication: it has 1 local communication network port and 1 remote control port. In addition to remote control, the remote control port also has H-265 media remote control and monitoring functions.

OSD Dynamic Titles
Customized text in almost any format can be overlaid on output displays. The facility supports static and dynamic arrangements including scrolling/messages.

3D stitching
Scale and deliver 3D signals for 120Hz interpolated signals with internal frame-locked synchronization. Segmentation and fusion are completely seamless. Single key switching is available to transition between 2D and 3D on demand.

Modular Hybrid Modules
The processor offers a range of input and output modules, with signals able to be mixed-and-matched to meet requirement without incurring overhead. Modules are easily user-fit lowering TCO and simplifying operations of Q16pro based installations.

High Performance Lossless 4K Processing
Q16 pro not only supports HDMI 2.0 and DisplayPort 1.2 4K@60 signals and is engineered end-to-end to maintain and enhance fidelity with full 4:4:4 maintained throughout. Utilizing advanced processing engine developed RGBlink.

Dante volume monitoring
Dante audio technology integrates the media and control of your entire system into a standard network, and realizes real-time volume monitoring of 16 channels and 32 channels. Eliminates bulky and expensive analog wiring and replaces it with cheap and very common CAT5, CAT6 wires for a simple, lightweight and economical solution.

Configurable Audio Delivery
Both embedded and external/insert audio sources may be embedded to any output as well as be switched a part of video presets.

- Dante volume monitoring
- Configurable Audio Delivery
1 Series
Switcher/Scaler
GX4pro is a video processor that supports DVI output resolution at 2048x1152@60 and offers multiple test pattern output resolution options. Beside standard with 1 HDMI (with loop), 1 CVBS, 1 VGA, 1 DVI and 1 pair of Audio analog connectors, it also comes with 1 empty module slots for any single input modules selecting from HDMI, DP, DVI, SDI, CVBS, and USB modules. Capability of support any input makes GX4pro have features of PIP (dual pictures), synchronized video with audio control and seamless switching between different inputs. Moreover Extended Display Identification Data (EDID management) makes sure display perfectly spot to spot. GX4pro can work as LED display controller when universal senders cards is installed. There are 2 empty slots fitting for one 2.6 mega pixels sender card or two 1.3 mega pixels sender cards. RGBlink dedicated sender card module SubitoNX™ Quatro is an also an option to control LED display, it provides 2.3 mega pixels display up to horizontal 3840 pixels or vertical 1920 pixels, through 4 RJ45 ports.

Features
- Five standard inputs including SDI
- Seamless switching between any input
- RGBlink instant TAKE with pre-Sync
- Transition effects
- Audio controls
- Optional RGBlink Subito NX™ Quatro Sender
- Support for up to 2.6 mega pixels
- Support for user-fit input option
- EDID management on board
- On board test patterns
- Support for multi-device cascade
- Compact 1U footprint

Seamless Switching
GX4pro supports seamless switching between any in and any out, and supports TAKE pre-sync for delay free switching and signal confirmation before switch the input signal source.

No-gap scaling, processing and control
GX4pro is an video processor which supports DVI output resolution at 2048x1152@60 and offers multiple test pattern output resolution options. Beside standard with 1 HDMI (with loop), 1 CVBS, 1 VGA, 1 DVI and 1 pair of Audio analog connectors, it also comes with 1 empty module slots for any single input modules selecting from HDMI, DP, DVI, SDI, CVBS and USB modules. Capability of support any input makes GX4pro have features of PIP (dual pictures), synchronized video with audio control and seamless switching between different inputs. Moreover Extended Display Identification Data (EDID management) makes sure display perfectly spot to spot. GX4pro can work as LED display controller when universal senders cards is installed. There are 2 empty slots fitting for one 2.6 mega pixels sender card or two 1.3 mega pixels sender cards. RGBlink dedicated sender card module SubitoNX™ Quatro is an also an option to control LED display. It provides 2.3 mega pixels display up to horizontal 3840 pixels or vertical 1920 pixels, through 4 RJ45 ports.

Audio Integrated
GX4pro supports both embedded and insert audio with both external output and embedded transmission. The RCA audio output is ideal for de-embedded audio to be connected to dedicated audio systems, while the embedded audio is idea for transmission of audio together with video to remote LED displays that contain speakers such as in digital signage applications. Integrated audio capabilities on GX4pro adds to the processors capabilities as a complete solution.

LED Display Configuration
Set up and dynamically configures connected LED displays directly from within the GX4pro menu, providing a complete display management solution*

Support Multi-Format Cabinets
Configure LED panels or cabinets of multiple pixel sizes in one connection to support creative and integration applications*

LED Panel Profiles
With an optional Subito Quatro Sender installed, take advantage of library profiles for import and quick configurations.

*Features vary by (optional) LED Control System fitted.
Connect & Control
Connect T Series console to compatible RGBlink processors via a Cat6e cable. Click search and connect, to immediately be able to configure and control the connected processor.

Configure & Preset
Configure all the attributes of connected processors visually, and well as recall, program and save presets on the remote processors.

External Display
Connect an external monitor for duplication of on board controls display.

Interactive Touch Screen
On board LCD displays are touchscreen enabled intuitive navigation and controls.

Video Streaming
When connected to a H.264 preview streaming enabled processor, T Series consoles display video sources directly in the configuration allowing users to have a realistic representation of both presets and preview/program operations.

Dynamic Control Surface
T Series application keys are conveniently arranged in groups. OLED displays above each key provide a legend as to the function of the key, and may be configured or personalised with text or graphics to the users requirements.

Dedicated to Control
The live control section of the T Series consoles includes familiar T-Bar and TAKE buttons along with related output controls positioned for clear and optimal access.

Convenient Control
To aid in configuration and data entry, T Series consoles include a variety of input methods which not only include the touch screen, but also a dedicated numeric pad and three-axis joystick precision joystick.

Take control of live events with T1, putting full power of control with the programmer and operator. T Series consoles features integrated LCD touch screen displays front and centre, allowing full view of configuration of connected processors. With large dynamically illuminated keys, along with OLED electronic legends for superior visibility, T Series console provide immediate hands on controls essential for live work environments including stage, broadcast and control rooms.

T Series controllers come to live when connected to selected RGBlink advanced processors from the X Series.

Utilizing the power of the RGBlink XPOSE platform, T Series controller offers fluid and demand based video wall control from a convenient tactile interface, opening up new possibilities and enabling suplicated video presentations.
Subito NX control system

RGBlink’s new-generation integrated control system is highly compatible. The whole series of SubitoNX control system includes LED control processing integrated machine, sending card bare card, receiving card bare card and other parts. Not only can it be applied to all mainstream processing equipment on the market, it is also proud that it can be flexibly applied to all of RGBlink’s modular design processing equipment, and its application space has a qualitative leap, far ahead of the market control system factory. It also greatly solves the problems of poor maintainability, difficulty in centralized management, high maintenance costs, poor customer experience, and so on in the application of customers. It is the best choice for customers.

Project application plan

Configuring dynamic move freely
Subito NX control system supports freely moving the coordinate position of the control card and supports complex display connection.

Screen image adjustment
The Subito NX control system can increase the brightness and color of the display itself, and it can also be attenuated and adjusted automatically through software lamp beads.

LED panel library configuration file
The configuration file of the LED screen body can be generated by RGBlink’s XPOSE software and saved in the corresponding data library to reduce the cost of use.

3D display
The SubitoNX control system can achieve 3D display effects, and is widely used in schools such as smart classrooms, science and technology museums, medical research rooms, and architectural research institutes.

Self-check function
The point-by-point self-checking function of the sending card can predict the fault location of the screen, including power supply voltage, module troubleshooting, receiving card, sending card, etc., for problem analysis.

Modular design
With unique creative module design technology, SubitoNX Quatro can be expanded without limitation, and can be selected with any layout or display pixel configuration.

LED panel library configuration file

Subito NX 300
- The maximum load of small cards is 1.33 million
- The widest single network port is 3840 and the highest is 2900
- Receiving card calibration data double backup and recovery
- Single card color space conversion, improve Picture consistency
- Arbitrary splicing and multi-screen settings

Subito NX S2
- Receiving card file read back and backup
- Prestore multiple sets of receiving card parameters
- Dual network cable hot backup, stable and reliable
- One key to connect screen
- Network cable error detection
- Single card color space conversion, improve Picture consistency
- Arbitrary splicing and multi-screen settings

Subito NX S4
- Receiving card file read back and backup
- Prestore multiple sets of receiving card parameters
- Dual network cable hot backup, stable and reliable
- One key to connect screen
- Network cable error detection
- Single card color space conversion, improve Picture consistency
- Arbitrary splicing and multi-screen settings
### SubitoNX E08
- Single card supports $128 \times 512$ pixels
- Maximum support 64 scan
- 16 sets of data in parallel
- Parameter feedback
- Independent GAMMA adjustment
- Large load

- Point by point bright color correction to eliminate chromatic aberration
- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

### SubitoNX E16
- Single card supports $128 \times 1024$ pixels
- Maximum support 64 scan
- 32 sets of data in parallel
- Parameter feedback
- Independent GAMMA adjustment
- Large load

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### SubitoNX A08
- Single card supports $256 \times 512$ pixels
- Maximum support 64 scan
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### SubitoNX L01
- Single card supports $128 \times 1024$ pixels
- Maximum support 64 scan
- 32 sets of data in parallel
- Parameter feedback
- Large load

- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

### SubitoNX L02
- Single card supports $128 \times 512$ pixels
- Maximum support 64 scan
- 32 sets of data in parallel
- Parameter feedback
- Large load

- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

### SubitoNX L03
- Single card supports $128 \times 320$ pixels
- Maximum support 64 scan
- 8 groups of data in parallel
- Parameter feedback
- Large load

- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

### SubitoNX L04
- Single card supports $512 \times 512$ pixels
- Maximum support 64 scan
- 32 sets of data in parallel
- Parameter feedback
- Large load

- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

### SubitoNX FC1
- Single card supports $512 \times 1024$ pixels
- Maximum support 64 scan
- 32 sets of data in parallel
- Parameter feedback
- Large load

- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

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**Star product—receiving card**

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  - Parameter feedback
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  - Large load

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  - Significantly improve picture quality
  - Dual network cable backup
  - Wiring Diagram Smart Wizard
  - Trimming and sewing

- SubitoNX E16
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  - Parameter feedback
  - Independent GAMMA adjustment
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  - Parameter feedback
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  - Significantly improve picture quality
  - Dual network cable backup
  - Wiring Diagram Smart Wizard
  - Trimming and sewing

- SubitoNX A16
  - Single card supports $256 \times 1024$ pixels
  - Maximum support 64 scan
  - 32 sets of data in parallel
  - Parameter feedback
  - Large load

  - Significantly improve picture quality
  - Dual network cable backup
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  - Trimming and sewing

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**SubitoNX FC1**

- Single card supports $512 \times 1024$ pixels
- Maximum support 64 scan
- 32 sets of data in parallel
- Parameter feedback
- Large load

- Significantly improve picture quality
- Dual network cable backup
- Wiring Diagram Smart Wizard
- Trimming and sewing

- Audio output
- Can control 9 power switches
- Sensing external brightness
- RJ45 Gigabit Ethernet port communication
RMS Series Monitoring Solutions
RMS UHD Series

RMS 2380U/RMS 2700U/RMS 3200U
12G-SDI Professional Film and Television Production Monitor

This series is broadcast-grade 4K HDR monitor, equipped with UHD (3840×2160) screen, supports 4-channel single-link 12G-SDI, quad-link 4K-SDI and HDMI2.0 signal input, supports high-precision 3D LUT with tetrahedral interpolation algorithm, supports HDR formats such as SMPTE ST2084/PQ, hybrid log-gamma HLG, various Gamma curves, camera Log and other professional functions which are widely used in pre-shooting and post-grading work in broadcasting, film, television, and high-end advertising production.

4K IPS LCD Panel
24/27/32 inch available

4K UHD LCD panel, with ultra high resolution 3840x2160, the color depth up to 10bit and display 1.07B colors, that allows you to see the color performance you have never seen before, provide more creation space for color grading.

wide color gamut
for broadcast TV and film standards

RMS UHD monitor covers 100% Rec.709 and 98% DCI-P3 wide color gamut, presenting rich color. And supports ITU-R BT.2020, ITU-R BT.709, EBU, SMPTE-C, Native and other color gamuts, meet the different needs of photographers for color gamut.

Accurate 3D LUT Color Calibration & Rainbow Color Management Engine

RMS UHD adopts a high-precision 3D LUT that supports tetrahedral interpolation algorithm, and built-in Rainbow color management engine, ensures RMS UHD series has accurate color reproduction capabilities.

Aluminum Alloy Frame
rugged and durable, easy to dissipate heat

The full aluminum alloy frame not only make the device more solid and durable, but also solve the problem of heat dissipation.

Flexible and Intuitive Button Operation

When you are busy at the shooting scene, you need to be able to easily control the equipment, and this RMS UHD series can meet your needs. It can switch between one-button sources, custom shortcuts, and quickly call out menu, etc. to make shooting easier. The backlight button design makes it easier for you to distinguish the current input signal and the shortcut keys used, easy to use even in dimly lit studio or outdoor environments.

4K IPS LCD Panel
24/27/32 inch available

4K UHD LCD panel, with ultra high resolution 3840x2160, the color depth up to 10bit and display 1.07B colors, that allows you to see the color performance you have never seen before, provide more creation space for color grading.

12G-SDI /8K/4K HDMI Signal
Bringing you a new visual experience

When you need a higher quality SDI monitoring for 4K or 8K video, RMS UHD series is the perfect choice. It comes with 4*12G-SDI inputs and outputs, support up to 8K signal input, allow for multiple configurations of input, 1*HDMI 2.0 inputs, support up to 4096×2160p50/59.94/30/25/24/23.98 & 3840x2160p60/50/30/25/24 signal. Corresponding to the refresh of 60 frames per second, 4K and video transmission can be solved just over a single cable, reducing costs and ensuring high quality image, bringing you a new visual experience!
12G-SFP Fiber Port
Seamless, high-speed, reliable data communication connection
This series comes with SFP interface compatible with universal SFP or SFP + fiber optical module, an essential part of high-speed telecommunications and data communications, especially in large network environments, which allows for the receiving of broadcast quality transmission level video data over a fiber optic connection. Used by a great many TV broadcasters. Fiber optic input is the industry standard in control room video transfer technology.
Note: SFP module is for option.

Professional On Set Monitoring Tools
Accurately focus and efficient monitoring
RMS UHD series provides a series professional auxiliary monitoring tools, such as waveform, 3D-LUT, peaking filter, histogram, vector scope, audio meter, time code, image flip, etc. All these functions are easy to select and operate from OSD menu. Greatly improve the efficiency of on-site shooting and post-production.

Multiple Screen Modes
Perfect choice for multiple camera monitoring
RMS UHD series supports quad view, Quadview triple bottom, PBP, PAP multi display mode for optional, one monitor can satisfy multi-camera monitoring.

SDR and HDR Image Comparison Function
Supports HDR mode/Gamma(EOTF)
RMS UHD series can perform SDR and HDR image comparison monitoring in multi-view mode, supports HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5) mixed log gamma, ST.2084 Dolby Vision PQ, Sony S-log3 HDR, various common gamma and user Gamma LUT upload.

Payload ID Automatically Setting
RMS UHD series can read the Payload ID information of the SDI input signal source, automatically select the color gamut, EOTF (PQ or HLG) curve.

Dynamic UMD TSL3.1/4.0/5.0 Protocol
12G270F supports UMD of TSL 3.1/4.0/5.0 protocol, 8 letters can be displayed for single channel, let the program producer know at a glance which signal source is being switched.

3D LUT, Recreate Film Looks
3D-LUT is a table for quickly looking up and output specific color data. By loading different 3D-LUT tables, it can quickly recompose color tone to fit different color styles. Built-in 9 DE-log LUT, you also can load the custom .cube file via USB flash disk (up to load 8).

Professional Audio Meters
RMS UHD series can de-embed audio from SDI and HDMI. Support select any 2 channels audio to output via speaker or 3.5mm headphone jack, maximum support 16 channels display. The audio meters can be displayed vertical or horizontal orientation.

Three Color Tally Lights
GPI controls Red Tally, Green Tally and Yellow Tally, which not only can remind the photographer to enter the recording state, but also appreciate the convenience of TV shooting quasi-professional technology in your creation.
RMS 1A

Compact & Convenient
RMS 1A is the ultimate compact monitor, and ready to work as a monitor block to build for different application.

Desktop Monitor
Complete with desk stand, RMS 1A can be positioned almost anywhere, and with view angel adjustable.

RMS 1516

Desktop or rack mounting 4K display, the RMS-1516 15.6in LCD monitor accepts HDMI, VGA, DVI, SDI signal inputs, each with loop. Video with HDR encoding is supported and the monitor is HDCP 1.4 compliant. In addition to full screen preview of a selected signal, RMS1516 also includes a Multiview and has on board picture adjustments including color temperature and flip/mirror.

Rack Solution
Add a rack mount accessory to the RMS 1A to conveniently rack mount, in a similar way to the larger models, allowing these monitors to be positioned together with related equipment.

Creative Solution
Monitoring to the wall in different degree and surface, RMS 1A helps to make the creative idea comes true with light demo installation.
MSP Series
Video Tools/Extenders
Signal Convertors
Signal/Signal Distributors
Format and Test Pattern Generation are just two of the many features of MSP200pro.

Built in are standard video outputs for 3G-SDI, DVI/HDMI and CVBS. Set the output format from the built-in touch screen display by selecting from a wide range of common formats.

Popular test patterns can be easily selected with motion or without, and time code can be generated and displayed allowing inspection frame delay.

MSP200pro also includes a USB media input port as standard – use a MPEG4 or image as a test signal source, opening up many possibilities for producing bespoke testing configurations.

Optional install an SDI or HDMI input module to make use of other external video sources. And EDID management is built right in too.

Preview
Use MSP200pro as a remote preview monitor. Insert USB media for on screen display, and use that media (video or images) for output.
Add the optional HDMI or SDI interface and both preview and pass through that external source too.

Genlock
Genlock Y is supported and looped through. If this not used, then MSP200pro can generate Genlock Y or HS/VS.

Wave Form Inspection
Several wave form inspection graphs are available on screen, and in addition graphing of the audio signal can be displayed.

Test Patterns
A range of common test patterns are built in and selectable via the touch screen interface. Motion of a pattern can be turned on/off. Additional test patterns of test images can be used by setting the input source to the standard USB input, and selecting custom files from USB.

Format Generator
A huge range of industry standard formats for both resolution and refresh are available for selection on board MSP200pro. These set the format for the standard SDI, CVBS and DVI output interfaces. The DVI port supports HDMI (10bit) as well as VGA, using adapters.

Audio
On board audio is available and output on both the audio jacks and to signals that support embedded audio.
When using external media (USB or the optional SDI/HDMI), embedded audio is passed through.

Portable
MSP200pro supports battery operation - simply fit standard Li-on batteries to the internal compartment.

Rugged
MSP200pro is designed for the mobile professional. The extended housing helps protect connectors and there is strong glass cover for the touch display.

MSP200pro comes complete with case for the transport environment.

MSP221 EDID Manager

In modern digital video, Extended Display Identification Data (EDID) allows display devices to describe specification information to the video source equipment.

Using MSP 221 can resolve and prevent a number of EDID related issues, ensuring the expected output from a video source device by broadcasting a consistent EDID, even when display devices are switched, re-plugged or re-powered.

Additionally MSP 221 features HDCP tools resolving potential conflict situations when video is output to DVI or VGA equipment.

Connect
Connect MSP 221 between video source and display device. Input source can be HDMI or VGA (RGBVH). Output to display device is DVI or VGA.

Set
Capture and store EDID information from Display Device for use, or enter and set EDID from the keypad.

Control
RGBlink uniquely provides an Android app for set EDID. Connect MSP 221 to an Android device by USB, and configuration is easy with now familiar touch and graphical controls. Additionally Windows® is software is also available for USB connection.
The MSP 315 HDMI extender adopts a single CAT5/CAT6 cable, including the Transmit terminal (TX) and Receiving Terminal (RX). A single CAT 5 and CAT6 cable extends the 1080P full HD HDMI signal distance to 100m. The MSP 315 supports lossless audio formats such as 4K*2K (3840*2160@30hz), 1080p full HD resolution, HDCP transmission protocols, high bit rate (HBR) Dolby TrueHD and dts-HD Master.

MSP415 – HDMI I HDBaseT Set

Extend HDMI signals over Cat5/6 cables with the MSP415 HDBaseT Extenders. Delivered as a Transmitter and Receiver pair, MSP415 supports signals up to 4K DCI (4096x2160@60Hz) with 8bit YUV 4:4:4 color space and support for HDCP 2.x and HDR technologies.

MSP 315-4 – HDMI 1.4 to HDBaseT Extender Set

The MSP 315 HDMI extender adopts a single CAT5/CAT6 cable, including the Transmit terminal (TX) and Receiving Terminal (RX). A single CAT 5 and CAT6 cable extends the 1080P full HD HDMI signal distance to 100m. The MSP 315 supports lossless audio formats such as 4K*2K (3840*2160@30hz), 1080p full HD resolution, HDCP transmission protocols, high bit rate (HBR) Dolby TrueHD and dts-HD Master.

MSP 325H – HDMI Encoder

Encode HDMI signals for H.265 or H.264 IP streaming transmission with the MSP325H. Resolutions up to 1080p are supported with facility for audio insert via the mini Jack port. On board features include OSD and LOGO which can be set via LAN connection along with other settings to configure resolution and bit rate.

MSP 326L – H.265 Decoder And Transcoder

MSP 326L supports stream decoding of mainstream standards such as H.265 and H.264, supports standard Audio and video stream decoding in quasi-TS stream format; HDM output resolution can support 4K@60Hz (3840*2160@60HZ) Support HLS, RTMP, RTSP, UDP/MULTICAST, Onvif and other mainstream the network protocol; 1 channel two-channel audio output, supports decoding of AAC-LC, G.711 audio formats; Built-in webservice for management and configuration via browser.

IC2/ IC2+ Distributed Integration Manager

Meeting the growing requirements for distributed management, control and display of compute and other video systems, IC2 is so much more than KVM. IC2 provides secure IP based and advanced RGBlink video technologies for demanding environments where high performance and quality are essential. Designed for multi-point applications, RGBlink IC2 are universal transmitter receivers that can be employed in a wide range of combinations in support of a diverse and dynamic range of applications. Each device as receiver/RX can support display of multiple video sources in flexible layouts with features including zoom and overlay. Videos sources up to 1080p60 are delivered with low latency and high quality. Switching between sources is seamless and glitch free. USB mouse, keyboards and serial control devices may be used allowing remote control of connected computers from any designated point of control.

MSP Encoder/Decoder

MSP 325H – HDMI Encoder

Encode HDMI signals for H.265 or H.264 IP streaming transmission with the MSP325H. Resolutions up to 1080p are supported with facility for audio insert via the mini Jack port. On board features include OSD and LOGO which can be set via LAN connection along with other settings to configure resolution and bit rate.
MSP
Extenders – Fiber

MSP 209M/ MSP 209S – Ethernet | Multi Mode Fiber
For Ethernet connections up to 1km/10km, MSP209M/MSP209S is a IEEE802.3ab-1000Base-T and IEEE802.3z 1000Base-LX compliant device set, supporting up to Gigabit Ethernet. MSP 209S/MSP209S is supplied “ready to use”.

MSP 314-2 – DVI Extender
Extend 2K DVI signals via Fiber optic cable with the MSP314-2 set. This compact, transmitter receiver set plugs directly into DVI ports and is ideal for portable applications.
Integral LC ports allow connection to Fiber cables for transmission up to 300m with multi-mode Fiber or up to 2000m with single mode Fiber. The ultimate in compact signal extension, simply power MSP314-2 from supplied plug-packs.
Resolutions up to 2560x816@60Hz are supported with EDID capture available via push-pin.

MSP 314-4 – DVI Extender
Extend DVI via Fiber optic cable with the MSP314-4 set. This compact, transmitter receiver set plug directly into DVI ports avoiding the need for additional rack space or shelving with MSP314-4 being ideal for portable applications.
MSP314-4 features integral LC ports – simply connect to a Fiber cable for transmission up to 2000m with single mode Fiber. Power MSP314-4 from supplied plug-packs.
Resolutions up to 3840x2160@30Hz are supported with EDID copy available via push-pin.

MSP 318-4 – HDMI Extender
Extend HDMI beyond usual limits with the MSP318-4 Fiber extender set. Plug the transmitter directly into an HDMI source, and connect to mode fiber optic cable. Similarly connect the receiver directly into an HDMI port on a display or downstream device. Just connect to low voltage power supply (included) at each end, MSP 318-4 is truly compact and ideal for portable applications or where there is restricted space.
MSP318-4 features integral LC ports – simply connect to a Fiber cable for transmission up to 300m.
HDCP compliant, resolutions up to 3840x2160@30Hz are supported with EDID management available via microUSB.

MSP 318N – HDMI 2.0 Fiber Extender Set
The MSP 318N is an HDMI 2.0 optical fiber transmission extender consisting of a transmitter and a receiver. Equipped with corresponding SFP multi-mode fiber and single-mode 10 Gigabit fiber transmission, it can transmit the longest distance of 300M and 60KM respectively. Support 4K@60HZ (YUV4:4:4), support HDR and HDCP2.2 standards.

MSP 317 – 12G SDI Optical Fiber Converter
MSP317 is a all-in-one 12G SDI optical fiber converter, by dip switch it can be set as TX mode (12 SDI to optical fiber) or RX mode (optical fiber to 12G SDI). The supported resolution is for to DCI 4K2S and UHD 4K60 signals. This converter comes with a 12Gbps SFP+ transmission distance up to 10km, two 12G/HD/SD-SDI port one working as input and the other as loop out under TX mode or two identical outputs under RX mode.

MSP 318N – HDMI 2.0 Fiber Extender Set
The MSP 318N is an HDMI 2.0 optical fiber transmission extender consisting of a transmitter and a receiver. Equipped with corresponding SFP multi-mode fiber and single-mode 10 Gigabit fiber transmission, it can transmit the longest distance of 300M and 60KM respectively. Support 4K@60HZ (YUV4:4:4), support HDR and HDCP2.2 standards.

MSP 209M/ MSP 209S – Ethernet | Multi Mode Fiber
For Ethernet connections up to 1km/10km, MSP209M/MSP209S is a IEEE802.3ab-1000Base-T and IEEE802.3z 1000Base-LX compliant device set, supporting up to Gigabit Ethernet. MSP 209S/MSP209S is supplied “ready to use”.

MSP 209M/ MSP 209S – Ethernet | Multi Mode Fiber
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The MSP 318N is an HDMI 2.0 optical fiber transmission extender consisting of a transmitter and a receiver. Equipped with corresponding SFP multi-mode fiber and single-mode 10 Gigabit fiber transmission, it can transmit the longest distance of 300M and 60KM respectively. Support 4K@60HZ (YUV4:4:4), support HDR and HDCP2.2 standards.

MSP 317 – 12G SDI Optical Fiber Converter
MSP317 is a all-in-one 12G SDI optical fiber converter, by dip switch it can be set as TX mode (12 SDI to optical fiber) or RX mode (optical fiber to 12G SDI). The supported resolution is for to DCI 4K2S and UHD 4K60 signals. This converter comes with a 12Gbps SFP+ transmission distance up to 10km, two 12G/HD/SD-SDI port one working as input and the other as loop out under TX mode or two identical outputs under RX mode.
MSP 303 – SDI | HDMI
Up to 3G-SDI input signals are supported on this mini convertor, with an SDI Loop port also provided. Embedded audio may also be used else audio can be inserted as separate L/R analog or as digital AES / EBU inputs. Output to HDMI can be configured as HDMI 1.3 or DVI 1.0. DIP switches provide easy on device configuration, while remote configuration by USB is also available.

MSP 304 – HDMI | SDI
Convert common HDMI signals to SDI (up to 3G-SDI). Audio can be embedded into the SDI output or muted. Audio out split is available via ¼" mono jack connectors for either analog L/R audio or AES/EBU digital audio. On board configuration via DIP switches is available as is remote configuration over USB.

MSP 303 – SDI to HDMI Mini Convertor
MSP 303 is a SDI to HDMI video convertor supporting 1 x SDI input, 1 x HDMI output. SDI input resolutions available are 480i@60 I 720p@59.94/60 I 1080i/1080p@23.98/24/25/29.97/30/50/59.94/60. HDMI output resolutions supported are 720x480@60 I 720x576@60 I 1280x720@60 I 1920x1080@23.98/24/25/29.97/30/50/59.94/60.

MSP 304 – HDMI to SDI Mini Convertor
MSP 304 is a HDMI to SDI video convertor with one HDMI input and one SDI output. HDMI connects to sources including 720p480@60 I 720p576@60 I 1280x720@60 I 1920x1080@23.98/24/25/29.97/30/50/59.94/60, while the SDI output supports 720p@59.94/60 I 1080p@59.94/60. HDMI input resolutions supported are 1280x720@60 I 1920x1080@23.98/24/25/29.97/30/50/59.94/60.

MSP 305 – SDI-HDMI | HDMI-SDI Mini Convertor
A 2-in-1 convertor, MSP305 offers both an SDI to HDMI convertor and independently an HDMI to SDI convertor in one compact enclosure. Always have the conversion you need. SDI up to 3G may be input along with HDMI signals up to 2K. MSP305 makes use of a new generation of low-power demand processing, offering lower heat generation and high stability in operation and rapid conversion.

MSP 311 – HDMI 2.0 | Audio De-Embedder
Accepting HDMI signals up to 4K UHD, MSP311 provides separated de-embedded audio to 3.5mm stereo mini-jack and 5.1/6.1 optical formats. Audio outputs allowing for the independent amplification or downstream mix of audio. Digital audio formats, including LPCM 2CH, Dolby TrueHD, Digital Plus, Atmos and DTS-HD Master Audio are supported, with audio sampling up to 192 KHz. Audio decoding selection is available from an on board switch. HDMI signals with HDR (High Dynamic Range) channels are supported and is HDCP 2.2 compliant. CEC pass-through is available too.

MSP 312 – HDMI 2.0 | DisplayPort 1.2
Convert HDMI signals up to 4K to DisplayPort with the MSP312 format converter. Input/output resolutions up to 4K2K@50/60hz (YUV 4:4:4) with HDR (High Dynamic Range) are supported. MS312 is HDCP 2.2 compliant. Two MSP312 may be slotted together for convenience (and used in MSP Garage), and there is an optional rack/wall mounting kit.

MSP Garage
Mount MSP range products in the convenient MSP Garage. At 2U, the garage allows secure rack mounting up to 10 devices including space for effective heat dissipation. An integral power supply eliminates the need for individual plug-packs, improving efficiency and reliability particularly where multiple MSP are used.

* MG product may be fitted into MSP Garage
MSP
Signal Distributors

MSP 316H – HDMI 2.0 Distributor
Split HDMI 2.0 signals with this 1-in-2 out compact distributor. Signals up to 4K@60 (24 bit RGB/YUV 4:4:4) including HDR signals may be connected. MSP316H has a built-in balancer, clock and driver features, LPCM 7.1CH, Dolby TrueHD and DTS-HD video and audio are supported and there is intelligent EDID recognition with standard and TV modes. Combine MSP316H in slotted pairs and there is an optional rack/wall mounting kit.

MSP 319 – 1x4 SDI Distributor
A high performance, high stability, high-definition SDI distributor, MSP 319 supports one SDI input and four outputs. SDI in SD-SDI, HD-SDI and 3G-SDI standards can all be used, including with embedded audio. Maximum resolution is 1080p.

DXP DP0102
DXP DP0102 is a DP 1.2 one input and two outputs video distributor, which can realize the distribution of 1 x DP1.2 input and 2 x DP1.2 output signals. It supports HDR Ycbcr:4:4:4 technology and 4Kx2K @60Hz resolution. It can be connected and extended to increase the number of display transmissions. It supports the input EDID management with two EDD modes, users can set according to the needs of the application, complete the best quality image allocation without signal loss display.

DXP H0104
DXP H0104 is a true 4K HDMI Matrix Switcher which allows to route any of 10 HDMI sources to any 10 HDMI displays! The DXP H1010 10×10 HDMI Matrix switch is a complete HDMI routing solution for True 4K HDMI systems. It supports resolution up to 4K 60Hz @ 4:4:4 and effortless control through Ethernet control, IR remote control, RS-232 and the front panel.

DXP H0108
DXP H0108 is a HDMI2.0 one HDMI input and eight HDMI outputs video distributor, to achieve 1 x HDMI2.0 input and 8 x HDMI2.0 output signals distribution. HDMI2.0 supports HDR Ycbcr:4:4:4 technology and 4Kx2K @60Hz resolution, HDCP2.2, 8 bits/10 bits/12 bits/36 bits/36 bits deep color. It supports input EDID management with two EDID modes, users can set according to the needs of the application, complete the best quality image allocation without signal loss display.

DXP H0404
DXP H0404 is a 4K HD HDMI 2.0 matrix switcher. It is composed of 4 HDMI inputs and 4 HDMI outputs, forming a 4x4 matrix switcher. Each HDMI output contains 1 SPDIF audio output. It supports HDMI2.0 standard, 4Kx2K @60Hz @ 4:4:4 resolution at maximum and is compatible with HDCP2.2. It is built in intelligent EDID management with 10 types of EDID data. The device control mode is flexible and diverse, including infrared control, serial control, network control (optional), panel control and flexible control to make it more convenient to use.

MLP products may be fitted into MSP Garage
Flightcases

IU Rack Sleeves
Robust yet lightweight protection for IU video processors and similar equipment. Standard 19" rack included. Available with 290mm and 390mm internal depths.

2U Rack Sleeves
Protection for 2U video processors and similar equipment. Standard 19" rack included. Available with 320mm and 460mm internal depths.

4U Rack Case
Protection for 4U of 19" rack mounting equipment. Removable covers front and rear, plus heavy duty lifting handles, recessed latches and ball corners. Internal depth 550mm.

8U Rack Case
Protection for 7U of 19" rack mounting equipment. Removable covers front and rear, plus heavy duty lifting handles, recessed latches and ball corners. Internal depth 653mm.

Video Cable

DP to DP Cable
- DisplayPort 1.2 compliant
- 30V, 75Ω differential termination
- AOC's VeriFLEX technology: jitter-free and eye clean up to 16Gbps
- Nut lock type connector offset tolerance: +/- 0.15mm
- 4-Layer shield with 100% braid coverage and a pair of 85% braid shield pairs
- Stainless steel screw lock
- Synchronized digital and video lossless transmission
- Molded connectors with strain relief

Performance
- Nominal Impedance: 100Ω ±10Ω
- Nominal Capacitance: 84±2pF/m
- Nominal Velocity of Propagation: 2.38 ± 0.15km/s
- DC Resistance: 195Ω/km
- Dielectric Strength: DC500V ± 10%
- Voltage Rating: 30V
- Standard: RoHS
- Environment: Maximum Bend Radius: 50mm
- Minimum Bend Radius: 50mm
- Temperature Range: -20 °C ~ 80°C
- Physical Dimensions (Net): 42.5mm×40mm×15.6mm
- Weight (Net): 2m(0.41kg) / 3m(0.54kg) / 5m(0.93kg) / 7m(1.27kg) / 10m(1.79kg) / 15m(2.63kg)

DVI to DVI Cable
- HDMI 2.0 compliant
- 30V, 115Ω differential termination
- AOC's VeriFLEX technology: jitter-free and eye clean up to 16Gbps
- Nut lock type connector offset tolerance: +/- 0.15mm
- 4-Layer shield with 100% braid coverage and a pair of 85% braid shield pairs
- Stainless steel screw lock
- Synchronized digital and video lossless transmission
- Molded connectors with strain relief

Performance
- Nominal Impedance: 100Ω ±10Ω
- Nominal Capacitance: 84±2pF/m
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- Dielectric Strength: DC500V ± 10%
- Voltage Rating: 30V
- Standard: RoHS
- Environment: Maximum Bend Radius: 50mm
- Minimum Bend Radius: 50mm
- Temperature Range: -20 °C ~ 80°C
- Physical Dimensions (Net): 42.5mm×40mm×15.6mm
- Weight (Net): 2m(0.31kg) / 3m(0.41kg) / 5m(0.60kg) / 7m(0.93kg) / 10m(1.79kg) / 15m(2.63kg)
Mini DP to DP Cable

- Connectors: Mini DisplayPort and Support for 4Kx2K@60Hz transmission
- Standard: HDCP 2.2 compliant
- Support high dynamic range image transmission
- Synchronous transmission of 4Kx2K video and audio
- Optional cable reel for easy storage
- Pure copper wire core, each formed by 7 independent wires to conduct
- Gold-plated connectors resist corrosion
- Crush, Tensile, and Output: 3.3mm
- Dynamic Short Term: 2000N/100mm
- Dynamic Long Term: 600N
- Dielectric Strength: 500V < 1min
- DC Resistance: 0.4dB/Km
- Nominal Velocity of Propagation: 6.0
- Working Temperature: 40~75℃
- Cable loss: 0.025dB
- Dimension: 272x45x6mm

Mini DP To DVI Adapter

- Thunderbolt 2 Port Compatible
- Gold-plated connectors resist corrosion
- Supports HDCP 2.2
- Supports 4Kx2K audio and video
- Lightweight, portable

Mini DP to DVI Adapter

- Thunderbolt 2 Port Compatible
- Synchronous transmission of 4Kx2K audio and video
- Lightweight and portable
- Gold-plated connectors resist corrosion
- Supports HDCP 2.2
- Supports 4Kx2K audio and video
- Lightweight and portable

Cat5E/Cat6 Cable

- Durable break-resistant connector
- Copper terminals with anti-oxidation Nickle & Gold plating
- Easy to see flowconnect connector boot
- Extra wide latch for quick connection/removal
- Dual PVC jackets with high strength and heat resistance
- Pure copper wire core, each formed by 7 independent wires to conduct
- 50μm plating connectors durable over 10,000 plugged and unplugged
- Valcro strap for easy storage

HDMI 2.0 AOC Active Optical Cable

- Supports HDMI-A Female
- Synchronous transmission of 4Kx2K
- HDCP 2.2 compliant
- 4.4mm wide x 6.7mm high
- Dual PVC jackets
- Supports computer resolutions to 1080P and 4Kx2K
Enhanced compatibility and harmonisation.

Regardless of your OS favourite, Windows, macOS or Linux, there is an XPOSE edition. XPOSE, while respecting the standards on each OS platform, is the same, with a common underlying code base for enhanced compatibility and harmonisation.

Single App

XPOSE provides remote control and configuration for all the modern RGBlink universal and presentation products. One app - XPOSE - is all that is needed from the everyday X1 to the large scale X14.

Modern Tools

XPOSE provides remote control and configuration in rich graphical interface that supports not only traditional mouse and keyboard, but is touch friendly too.

Control Your Way

Regardless of your OS favourite, Windows, macOS or Linux, there is an XPOSE edition. XPOSE, while respecting the standards on each OS platform, is the same, with a common underlying code base for enhanced compatibility and harmonisation.

Flexible Connections

Many of our modern products support LAN based connections. XPOSE naturally supports this mode of connectivity across either wired or wireless networks. And XPOSE also supports both USB and serial connections where those type are available on the video processor.

Topology from Top to Bottom

Hands on as you open package:
Step 1: Read In & Out for the device once you open the package;
Step 2: Connect inputs and outputs just like your connection;
Step 3: Double check the connection by online synchronisation;
Step 4: Set the display area to be ready for the layers;
Step 5: Playout by manual or schedule;
Step 6: Monitoring all in one.

Share Settings

Save settings to a disk file for later recall, or sharing to other users.

Designed for Universal Processors

XPOSE is the essential application for configuration of the RGBlink range of universal video processors - X series, F series, D series and so on. Whether configuration for an installation monitoring or dynamic control.

Developing Platform

XPOSE is under constant development, with enhancements and features regularly being added. The RGBlink team embracing DevOps to bring new releases to customers sooner.

Virtual Canvas

Position output displays (monitors) on a virtual canvas for ease of control and identification.

Drag ‘n’ Drop

Drag and Drop both sources and output monitors onto the virtual canvas. Group sources on the canvas for ease of control and identification.

Live Video Preview

See preview of sources directly in XPOSE. Selected processors with H.264 IP streaming enable this features which can be a powerful monitoring tool.

Multi-Mode Operations

XPOSE supports all the multi-mode operations available on the connected processor.

4K Support

Configuration of 4K sources is made easy with multiple configuration possibilities.

Complex Layouts

Sophisticated configurations are possible with not only pixel-to-pixel scaling of input sources, but also extensive output controls including advanced EDID and rotation capabilities.

Designed for Presentation Processors

While presentation processors have on board control with OLED displays, and large tactile buttons, there are many situations where it may be desirable to either remote control or simply create configurations from computer.

4K Support

Configuration of 4K sources is made easy with multiple configuration possibilities.
XPOSE Mobile, fully developed in house by the RGBlink team provide a convenient remote control and configuration of universal and presentation processors.

XPOSE Mobile

XPOSE Mobile is a mobile version APP customized by RGBlink for the mini series. It can be completely separated from the local and computer version of XPOSE control and can quickly and easily achieve various function management applications on the mobile phone APP.

M mini

XPOSE mini APP is a mobile version APP customized by RGBlink for the mini series. It can be completely separated from the local and computer version of XPOSE control and can quickly and easily achieve various function management applications on the mobile phone APP.

XTOOLS is the simple and modern way to update and install features to RGBlink products.

Control for MSP
An easy to use stand-alone tool, XSET uses LAN or USB connections. Product such as the MSP225 and MSP226 can be fully configured via LAN, for example.

Consistent Updates
With one update package format, one app, the update process is streamlined, familiar and consistent, for greater confidence and reliability.

Common Update Tool
All RGBlink modern processors are updatable from XTOOLS. Simply download the update package from the website, and select the update from within XTOOLS to start.

Review & Update
Connect a processor to review the version status for individual components of the processor. The interface will advise differences allow clear upgrading or even downgrading. XTOOLS reports status and prompts for any actions.

Packaged Updates
Each update package is self contained with all necessary files. The full range of selected updates are done within XTOOLS.

MASK
Load and prepare MASK BMP files.

OSD
Configure OSD (On Screen Text) for loading on to products such as M2 or M3.

STILL
Load and prepare STILL BMP files and set transparency (alpha).

Upload Features
XTOOL is the app to prepare for install a range of configurable on device features, with a wizard style interface.

XTOOL is the simple and modern way to update and install features to RGBlink products.

Configure and monitor selected MSP series products.
Common Terminology

SDI Video signal standardized in SMPTE 424M that uses a single serial link at 2 Gbit/s for uncompressed transmission of video with an embedded audio. Connector is BNC.

CVBS CVBS or Composite video, is an analog video signal without audio. Most commonly CVBS is used for transmission of standard definition signals. In consumer applications the connector is typically RCA type, while in professional applications the connector is BNC type.

DVI Digital Visual Interface. The digital video connectivity standard that was developed by DDWG (Digital Display Work Group). This connection standard offers two different connectors: one with 24 pins that handles digital video signals only, and one with 29 pins that handles both digital and analog video.

HDMI High Definition Multimedia Interface: An interface used for the transmission of uncompressed high definition video, up to 8 channels of audio, and control signals, over a single cable.

DisplayPort A VESA standard interface primarily for video, but also for audio, USB and other data. DisplayPort (or DP) is backwards compatible with HDMI, DVI and VGA.

VGA Video Graphics Array. VGA is an analog signal typically used on earlier computers. The signal is non-interlaced in modes 1, 2, and 3 and interlaced when using in mode 4.

YPrY Used to describe the colour space for progressive-scan. Otherwise known as component video.

BNC Stands for Bayonet Neill-Concelman. A cable connector used extensively in television (named for its inventors). A cylindrical bayonet connector that operates with a twist-locking motion.

RCA Connector used primarily in consumer AV equipment for both audio and video. The RCA connector was developed by the Radio Corporation of America.

Colour Temperature The colour quality, expressed in degrees Kelvin (K), of a light source. The higher the colour temperature, the bluer the light. The lower the temperature, the redder the light. Benchmark colour temperature for the A/V industry include 5000K, 6500K, and 9000K.

Gamma The light output of a CRT is not linear with respect to the voltage input. The difference between what you should have and what is actually output is known as gamma.

Genlock Allows synchronisation of otherwise video devices. A signal generator provides a signal pulses which connected devices can reference. Also see Black Burst and Color Burst.

Colour Burst In colour TV systems, a burst of subcarrier frequency located on the back part of the composite video signal. This serves as a colour synchronizing signal to establish a frequency and phase reference for the Chroma signal. Colour burst is 3.58 MHz for NTSC and 4.43 MHz for PAL.

Contrast Ratio The ratio of the high light output level divided by the low light output level. In theory, the contrast ratio of the television system should be at least 100:1, if not 300:1. In reality, there are several limitations. Well-controlled viewing conditions should yield a practical contrast ratio of 30:1 to 50:1.

Frame In interlaced video, a frame is one complete image. A video frame is made up of two fields, or two sets of interleaved lines. In a film, a frame is one still image of a series that makes up a motion image.

Blackburst The video waveform without the video elements. It includes the vertical sync, horizontal sync, and the Chroma burst information. Blackburst is used to synchronize video equipment to align the video output.

PIP Picture-In-Picture. A small image within a larger image created by scaling down one of the image to make it smaller. Other forms of PIP displays include Picture-By-Picture (PBP) and Picture-Within-Picture (PWP), which are commonly used with 16:9 aspect display devices. PBP and PWP image formats require a separate scaler for each video window.

Seamless Switching A feature found on many video switchers. This feature causes the switcher to wait until the vertical interval to switch. This avoids the glitch (temporary scrambling) which often is seen when switching between sources.

Scaling A conversion of a video or computer graphic signal from a starting resolution to a new resolution. Scaling from one resolution to another is typically done to optimize the signal for input to an image processor, transmission path or to improve its quality when presented on a particular display.

Saturation Chroma, Chroma gain. The intensity of the colour, or the extent to which a given colour in any image is free from white. The less white in a colour, the truer the colour or the greater its saturation. Saturation is the amount of pigment in a colour, and not the intensity.

HDBaseT A video standard for the transmission of uncompressed video (HDMI signals) and related features using Cat5e/Cat6 cabling infrastructure.

HDCP High-bandwidth Digital Content Protection (HDCP) was developed by Intel Corporation as a system to prevent the use of signals in ways against the copyright. It is in wide use for protection of video during transmission between devices.

MPEG Moving Picture Experts Group is a working group formed by ISO and IEC, developing standards that allow audio/video digital compression and Transmission.

RTSP The Real Time Streaming Protocol (RTSP) is a network control protocol designed for use in entertainment and communications systems to control streaming media servers. The protocol is used for establishing and controlling media sessions between end points.

RTMP Real-Time Messaging Protocol (RTMP) was initially a proprietary protocol developed by Macromedia (now Adobe) for streaming audio, video and data over the Internet, between a Flash player and a server.
Common Terminology

**SDVoE** Software Defined Video over Ethernet (SDVoE) is a method for transmission, distribution and management of AV signals using a TCP/IP Ethernet infrastructure for transport with low latency. SDVoE is commonly used in integration applications.

**NDI** Network Device Interface (NDI) is a software standard developed by NewTek to enable video-compatible products to communicate, deliver, and receive broadcast quality video in a high quality, low latency manner that is frame-accurate and suitable for switching in a live production environment over TCP (UDP) Ethernet based networks. NDI is commonly found in broadcast applications.

**ST2110** A SMPTE developed standard, ST2110 describes how to send digital video over and IP networks. Video is transmitted uncompressed with audio and other data in a separate streams. SMPTE2110 is intended principally for broadcast production and distribution facilities where quality and flexibility are more important.

**Dante AV** The Dante protocol was developed for and widely adopted in audio systems for the transport of uncompressed digital audio on IP based networks. The more recent Dante AV specification includes support for digital video.

**H.264** Also known as AVC (Advanced Video Coding) or MPEG-4 is a common video compression standard. H.264 was standardized by the ITU-T Video Coding Experts Group (VCEG) together with the ISO/IEC JTC1 Moving Picture Experts Group (MPEG).

**H.265** Also known as HEVC (High Efficiency Video Coding) H.265 is the successor to the widely used H.264/AVC digital video coding standard. Developed under the auspices of ITU, resolutions up to 8192x4320 may be compressed.

**UHD** Standing for Ultra High Definition and comprising 4K and 8K television standards with a 16:9 ratio, UHD follows the 2K HDTV standard. A UHD 4K display has a physical resolution of 3840x2160 which is four times the area and twice both the width and height of a HDTV/FullHD (1920 x1080) video signal.

**API** An Application Programming Interface (API) provides a predefined function which allows access capabilities and features or routines via a software or hardware, without accessing source code or understanding the details of inner working mechanism. An API call may execute a function and/or provide data feedback/report.

**DMX512** The communication standard developed by USITT for entertainment and digital lighting systems. The wide adoption of the Digital Multiplex (DMX) protocol has seen the protocol used for a wide range of other devices including video controllers. DMX512 is delivered over cable of 2 twisted pairs with 5pin XLR cables for connection.

**ArtNet** An ethernet protocol based on TCP/IP protocol stack, mainly used in entertainment/events applications. Built on the DMX512 data format, ArtNet enables multiple “universes” of DMX512 to be transmitted using ethernet networks for transport.

**MIDI** MIDI is the abbreviation of Musical Instrument Digital Interface. As the name indicates the protocol was developed for communication between electronical musical instruments and latterly computers. MIDI instructions are triggers or commands sent over twisted pair cables, typically using 5pin DIN connectors.

**OSC** The principle of Open Sound Control (OSC) protocol is for networking sound synthesizers, computers, and multimedia devices for musical performance or show control. As with XML and JSON, the OSC protocol allows sharing data. OSC is transported via UDP packets between devices connected on an Ethernet network.

**HEVC** Also known as H.265, High Efficiency Video Coding (HEVC), is the successor to the widely used H.264/AVC digital video coding standard. Developed under the auspices of ITU, resolutions up to 8192x4320 may be compressed.

**EDID** Extended Display Identification Data. EDID is a data structure used to communicate video display information, including native resolution and vertical interval refresh rate requirements, to a source device. The source device will then output the provided EDID data, ensuring proper video image quality.
### Feature Comparison

#### All-In-One Mixers | Universal Processors | Scalers

<table>
<thead>
<tr>
<th>Feature</th>
<th>All-In-One Mixers</th>
<th>Universal Processors</th>
<th>Scalers</th>
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<tbody>
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### Streaming

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<th>Item</th>
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<tbody>
<tr>
<td>430-1001-01-1</td>
<td>AXR nano Starter</td>
<td>1x nano RX + 1x nano TX</td>
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### Universal Processors

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<tr>
<td>310-0001-31-1</td>
<td>M3</td>
<td>Presentation Processor and Vision Mixer</td>
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<tr>
<td>210-0072-12-0</td>
<td>M2</td>
<td>Scaler &amp; Vision Mixer</td>
</tr>
<tr>
<td>220-0001-01-0</td>
<td>M1</td>
<td>Scaler &amp; Vision Processor with EXT4</td>
</tr>
<tr>
<td>230-0001-03-0</td>
<td>mini</td>
<td>2K 4x1 HDMI mini switcher support audio input and output USB 3.0 streaming</td>
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<tr>
<td></td>
<td></td>
<td>output 6 picture preview</td>
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<tr>
<td>230-0001-02-0</td>
<td>mini-pro</td>
<td>2K 4x1 HDMI mini switcher support audio input and output USB 3.0 streaming</td>
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<tr>
<td></td>
<td></td>
<td>output 6 picture preview HDMI 2.0 in Broadcast style TBX</td>
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### All-In One Scaling & Mixing

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<tr>
<td>310-0000-01-0</td>
<td>X20</td>
<td>48x6 4:4:4 Universal Processor</td>
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<tr>
<td>310-0004-01-0</td>
<td>X14</td>
<td>56x60 Universal Processor</td>
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<tr>
<td>310-0005-01-0</td>
<td>X8</td>
<td>24x12 4K Universal Processor</td>
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<td>310-0006-00-0</td>
<td>X7</td>
<td>32x32 Universal Processor</td>
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<td>310-0005-00-0</td>
<td>X3</td>
<td>16x8 Universal Processor</td>
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### Presentation Processors

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<td>120-0004-01-2</td>
<td>D4</td>
<td>4K Dual Channel Presentation Processor with HDMI 2.0 and Comm Output Module</td>
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<td></td>
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<td>Other inputs and outputs are optional</td>
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<tr>
<td>130-0006-01-2</td>
<td>D8</td>
<td>8K 4 input, 1ch HDMI 2.1 input interface, 4ch HDMI 2.0 output, support</td>
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<tr>
<td></td>
<td></td>
<td>8K/4K@60 signal input, 4ch 4K output resolution can be set, support LCD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>preview.</td>
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<tr>
<td>100-0028-03-0</td>
<td>D2</td>
<td>2K Dual Channel Professional Presentation Switcher</td>
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### Switcher/Scalers

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<td>862-1001-04-0</td>
<td>XT6pro</td>
<td>Video processor, with V2 front panel, with no SDI input and 34 sending card</td>
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### Remote Control Consoles

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<tr>
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<td>T1</td>
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### Preview Monitors

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<td>400-0424-01-0</td>
<td>RMS8424</td>
<td>Dual LCD Monitor with VS/VS/VGA/HDM</td>
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<td>410-0424-01-0</td>
<td>RMS51</td>
<td>Single 8.4in Display block with DVI 1 input</td>
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<tr>
<td>400-1516-01-0</td>
<td>RMS1516</td>
<td>Single 15 inch display with 1 HDMI 2.0 input, 3 HDMI 1.3 inputs, 1</td>
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<td>3G/HD/SD-SDI output, 1 DVI input, 1 VGA input</td>
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### Video Solutions

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<td>FLEX60</td>
<td>16x60 Universal Processor with single Power Supply fitted</td>
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<td>FLEX51</td>
<td>Rotation/Bending/Scaling Processor</td>
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<td>with 4k input &amp; 4k 4k UHD Outputs</td>
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<td>710-0066-00-0</td>
<td>FLEX16</td>
<td>16x16 Matrix Processor EXT sold separately</td>
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<td>with a 4K/4K@60 Input module and 4 DVI output modules and 2 EXT</td>
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### Hyper Multitool Video Wall Processor

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<td>Q54-4U</td>
<td>Max 16x16 Universal Processor with Power Supply fitted</td>
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<td>Input &amp; Output modules sold separately, 4 Unit only, Max support 8 input</td>
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<td></td>
<td></td>
<td>modules, and 8 output modules</td>
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<tr>
<td>Product Code</td>
<td>Item</td>
<td>Description</td>
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<tr>
<td>660-0205-01-0</td>
<td>MSP205</td>
<td>Digital &amp; Test Pattern Generator with Console and Audio Embedded</td>
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<td>660-0206-01-0</td>
<td>MSP206</td>
<td>HDMI to SDI Converter with Audio Embedded</td>
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<td>660-0207-01-0</td>
<td>MSP207</td>
<td>VGA to SDI Converter with Scan Converter &amp; Scaler</td>
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<tr>
<td>660-0208-01-0</td>
<td>MSP208</td>
<td>HDMI to SDI Converter with Composite Converter &amp; Scaler</td>
</tr>
<tr>
<td>660-0209-01-0</td>
<td>MSP209</td>
<td>Display Port to SDI Converter with Scan Converter &amp; Scaler</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>610-0201-01-0</td>
<td>MSP210</td>
<td>HDMI 10 and Dolby Vision HDR 4 HDMI 2.0 inputs and 2 HDMI 2.0 outputs 4 in 2 out matrix or 4 in 2 out converter</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LED Control Solutions Product Code</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>820-1002-01-0</td>
<td>G654</td>
<td>Display &amp; Switcher with RGBLink Subito build-in</td>
</tr>
<tr>
<td>820-2004-01-0</td>
<td>MSP207</td>
<td>Subito sender box Integrated Subito Quatro Sender/Controller with USB and HDMI inputs</td>
</tr>
<tr>
<td>790-1001-25-0</td>
<td>MSP208</td>
<td>LED Control Module for Processors 4xRGB 4x4HPS port sender card</td>
</tr>
<tr>
<td>850-2001-01-0</td>
<td>MSP209</td>
<td>Subito Receiver Card-Apollo 2001 Four 26-core bovine needle output, reverse welding</td>
</tr>
<tr>
<td>850-2002-01-0</td>
<td>MSP210</td>
<td>Subito Receiver Card-Apollo 2002 Four 26-core bar outputs, reverse welding</td>
</tr>
<tr>
<td>850-2100-01-0</td>
<td>MSP211</td>
<td>Subito Receiver Card-Eos 1200 Two 60-core bovine needle output, reverse weld</td>
</tr>
<tr>
<td>850-1000-01-0</td>
<td>MSP212</td>
<td>Subito Receiver Card-Eos 1200 Two 50 core standard interfaces</td>
</tr>
<tr>
<td>850-1000-01-0</td>
<td>MSP213</td>
<td>Subito Receiver Card-Eos 1100 12 HUB75S interface general receiver card</td>
</tr>
<tr>
<td>850-1000-01-0</td>
<td>MSP214</td>
<td>Subito Receiver Card-Eos 1100 16 HUB75S interface conventional receiver card</td>
</tr>
<tr>
<td>850-3000-01-0</td>
<td>MSP215</td>
<td>Subito Receiver Card-Leo 3000 Double 120 core high density interface receiver card</td>
</tr>
<tr>
<td>850-2000-01-0</td>
<td>MSP216</td>
<td>Subito Receiver Card-Apollo 2000 Four 26-core bovine needle output, front welding HUB75S Star</td>
</tr>
</tbody>
</table>
### Flightcases

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>900-0001-01-0</td>
<td>1RU</td>
<td>1U 19in Rack Sleeve 490mm</td>
</tr>
<tr>
<td>900-0001-02-0</td>
<td>1RU</td>
<td>1U 19in Rack Sleeve 590mm</td>
</tr>
<tr>
<td>900-0002-01-0</td>
<td>2RU</td>
<td>2U 19in Rack Sleeve 490mm</td>
</tr>
<tr>
<td>900-0002-02-0</td>
<td>2RU</td>
<td>2U 19in Rack Sleeve 590mm</td>
</tr>
<tr>
<td>900-0006-01-0</td>
<td>6RU</td>
<td>6U 19in Rack Sleeve</td>
</tr>
<tr>
<td>900-0008-01-0</td>
<td>8RU</td>
<td>8U 19in Rack Sleeve</td>
</tr>
<tr>
<td>900-0012-01-0</td>
<td>12RU</td>
<td>12U 19in Rack Sleeve</td>
</tr>
<tr>
<td>900-1001-01-0</td>
<td>16RU1</td>
<td>1U for 2 units VSP168</td>
</tr>
<tr>
<td>900-1002-01-0</td>
<td>16RU2</td>
<td>2U for 4 units VSP168</td>
</tr>
<tr>
<td>911-0100-01-0</td>
<td>Cable Reel</td>
<td>for Fiber Optical Cable length max 150 meters</td>
</tr>
<tr>
<td>911-0150-01-0</td>
<td>Cable Reel</td>
<td>for Fiber Optical Cable length max 250 meters</td>
</tr>
<tr>
<td>911-0250-01-0</td>
<td>Cable Reel</td>
<td>for Fiber Optical Cable length max 400 meters</td>
</tr>
</tbody>
</table>

### Cables

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>921-0002-01-0</td>
<td>DVI-DVI Cable</td>
<td>with protection caps,3840 x 2160@30 2 meters</td>
</tr>
<tr>
<td>921-0003-01-0</td>
<td>DVI-DVI Cable</td>
<td>with protection caps,3840 x 2160@30 3 meters</td>
</tr>
<tr>
<td>921-0005-01-0</td>
<td>DVI-DVI Cable</td>
<td>with protection caps,3840 x 2160@30 5 meters</td>
</tr>
<tr>
<td>921-0010-01-0</td>
<td>DVI-DVI Cable</td>
<td>with protection caps,3840 x 2160@30 10 meters</td>
</tr>
<tr>
<td>921-0015-01-0</td>
<td>DVI-DVI Cable</td>
<td>with protection caps,3840 x 2160@30 15 meters</td>
</tr>
<tr>
<td>922-0002-01-0</td>
<td>DVI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@30, 2 meters</td>
</tr>
<tr>
<td>922-0003-01-0</td>
<td>DVI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@30, 3 meters</td>
</tr>
<tr>
<td>922-0005-01-0</td>
<td>DVI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@30, 5 meters</td>
</tr>
<tr>
<td>922-0010-01-0</td>
<td>DVI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@30, 10 meters</td>
</tr>
<tr>
<td>922-0015-01-0</td>
<td>DVI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@30, 15 meters</td>
</tr>
<tr>
<td>923-0002-01-0</td>
<td>HDMI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@60, 2 meters</td>
</tr>
<tr>
<td>923-0003-01-0</td>
<td>HDMI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@60, 3 meters</td>
</tr>
<tr>
<td>923-0005-01-0</td>
<td>HDMI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@60, 5 meters</td>
</tr>
<tr>
<td>923-0010-01-0</td>
<td>HDMI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@60, 10 meters</td>
</tr>
<tr>
<td>923-0015-01-0</td>
<td>HDMI-HDMI Cable</td>
<td>with locking HDMI and protection caps,3840 x 2160@60, 15 meters</td>
</tr>
<tr>
<td>924-0002-01-0</td>
<td>DP-DP Cable</td>
<td>with protection caps,3840 x 2160@60 2 meters</td>
</tr>
<tr>
<td>924-0003-01-0</td>
<td>DP-DP Cable</td>
<td>with protection caps,3840 x 2160@60 3 meters</td>
</tr>
<tr>
<td>924-0005-01-0</td>
<td>DP-DP Cable</td>
<td>with protection caps,3840 x 2160@60 5 meters</td>
</tr>
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</table>

### MSP Series-Distributors

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>620-0916-01-0</td>
<td>MSP216</td>
<td>1 DVI in/2 DVI Out Distributor</td>
</tr>
<tr>
<td>620-0916-02-0</td>
<td>MSP216H</td>
<td>1 HDMI in/2 HDMI Out Distributor</td>
</tr>
<tr>
<td>620-0919-04-0</td>
<td>MSP319</td>
<td>1 SDI in/4 SDI Out Distributor</td>
</tr>
<tr>
<td>621-0919-04-0</td>
<td>MSP319-4</td>
<td>1 SDI in/4 SDI Out Distributor</td>
</tr>
<tr>
<td>920-0005-01-0</td>
<td>MSP Garage with PSU</td>
<td>Rack frame for MSP products with integrated power management</td>
</tr>
<tr>
<td>821-0316-02-0</td>
<td>MSP316D</td>
<td>1 HDMI2.0 in/HDMI2.0 Out Splitter or 2 HDMI 2.0 in/1 HDMI 2.0 Out</td>
</tr>
</tbody>
</table>
Steaming from Anywhere to Everywhere

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