**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.

**Rotation & Flip**
Support image rotation and flip including horizontal and vertical flip/mirror.

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

**Output Splicing**
Split output across the dual output channels providing an 8K x 2K display canvas and seamless output.

**Hardware**
- **Inputs:**
  - 2 x HDMI 2.0
  - 2 x 12G-SDI
  - 4 x MPD 1.2
  - 2 x DP 1.2
- **Outputs:**
  - Split out to any 2K or 4K format with custom resolutions able to be specified to downstream requirements.
- **Audio:**
  - Supported for embedded audio
- **SDI:**
  - Single Link, Dual Link, Quad Link, Quad-Link (compliance by HDMI)
  - SMPTE ST 292-1, SMPTE ST 2081-1, SMPTE ST 2082-1, SMPTE ST 424, SMPTE ST 259, DVB-ASI, MADI
- **DVI:**
  - Single, Dual, Quad Link
  - SMPTE ST 2082-1
- **HDMI:**
  - 1.3 12 bit, 2.0 10 bit
  - SMPTE ST 2081-1
- **Input AC:**
  - 90-264VAC, 50/60Hz
- **Max Power:**
  - 100W

**Control**
- **Communication:**
  - Control via the processor with high bandwidth and wide gamut 10bit grey level processing.
- **Visual Enhancements:**
  - Dynamic Range are supported for embedded audio
- **Signals with High HDR Resolution:**
  - RGB/YUV 422, YPbPr 422, YCbCr 422, YCbCr 444
  - 4K HDR Scaler & Switcher

**Output Splicing**
- **Output Resolution:**
  - 4096x2160@50/60 7680x1080@60 2048x1152@60 2560x812@60 2560x1600@60 3840x1080@60 3840x2160@23.98/24/25/29.97/30/50/60 2160p@30/50/60
  - 4K HDR Scaler & Switcher

**Dimensions**
- **Height:**
  - 480mm × 474mm × 45 mm
  - 4096x2160@50/60
  - 1920x1200@60

**Order Codes**
- **Input Cards:**
  - 1 x IEC
  - 2 x BNC
  - 4 x DVI
  - 2 x DisplayPort
  - 4 x HDMI (2 In/2 Loop)
  - 2 x HDMI-A (2 In/2 Loop)
  - 1 × RJ45 LAN
  - 1 × USB-A Serial Port
- **Output Cards:**
  - 1 x IEC
  - 2 x BNC
  - 4 x DVI
  - 2 x DisplayPort
  - 4 x HDMI-A (2 In/2 Loop)
  - 1 × RJ45 LAN
  - 1 × USB-A Serial Port

**Contact:**
- **WEB:** www.rgblink.com
- **EMAIL:** sales@rgblink.com
- **PHONE:** +86 592 5771197

**Specifications**

**Performance**
- **Input Resolution:**
  - 3840x2160@23.98/24/25/29.97/30/50/60 | 4096x2160@50/60  | 7680x1080@60 2048x1152@60 2560x812@60 2560x1600@60 3840x1080@60| 3840x2160@23.98/24/25/29.97/30/50/60 |
  - 2160p@30/50/60
- **Supported Input Standards:**
  - SMPTE, VESA

**Features**
- **Audio:**
  - Supported for embedded audio
- **EDID Management:**
  - Single Link, Dual Link, Quad Link
  - SMPTE ST 2082-1
- **Power:**
  - Input AC 90-264VAC, 50/60Hz
  - Max Power: 100W

**HDCP:**
- **4K HDMI Module**
- **3G SDI Module**
- **DP 1.2 Module**
- **12G SDI Module**
- **Quad DVI Output Module**
- **Dual 12G SDI Input Module**
- **Dual 3G SDI Input Module**
- **Dual HDMI 2.0 Input Module**
- **Dual DP 1.2 Input Module**
- **D4**

**Physical**
- **Temperature:**
  - 0℃–40℃
- **Humidity:**
  - 10%~85%

**Order Codes**
- **Order Codes Dimensions**
  - **Physical:**
    - 535mm × 530mm × 130mm
    - 480mm × 474mm × 45 mm
The standard in multi-format 4K presentation switching
D4 is a very flexible video switching and scaling solution for 4K signals featuring multiple output modes, a comprehensive on-board feature set and acclaimed RGBlink modular design.

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.

In the tradition of previous generation 2K solutions signals can be converted, scaled, transcoded to 4K output. Dual channel 4K HDMI 2.0 output are standard while these two channels may be duplicated for output via the option slot.

There is a full 4:4:4 colour space, 12 bit on board processing and support for HDR signals to meet the highest performance standards.

EDID management is built in and D4 is also HDCP 2.X compliant.

Across a range of applications requiring scan conversion, scaling or seamless presentation switching, D4 is ideal for high performance and broadcast workloads.

Features
- Resolution up to 4K2K@60 or 8K1K@60
- Full YUV 4:4:4 Color Space
- 12bit internal processing
- Low latency
- HDMI 2.0, DisplayPort 1.2 & 12G-SDI
- UHD and HDR compliant
- HDCP 2.X compliant
- 4K EDID Management
- 4K test pattern
- SmartSlot™ input and output modules
- H.264 Preview streaming
- Genlock In & Loops
- Multiple 4K input seamless switching
- 4K Picture-in-Picture (4K PIP)
- Multi-layer presentation switching
- Cut & variable time alpha fade
- Miroir/Flip
- Rotation including 90°, 180°, 270°
- Support for multiple device cascade

Standard 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.

Presentation Mode
Up to three 4K inputs may be used as PIPs over a 4K background video source.

Independent (Dual 4K) Mode
Each of output channels separately configured for image, resolution, scale and other attributes.

Switcher (Preview) Mode
Both outputs are set to the same resolution, whether 2K or 4K, with one channel serving as program (PGM), and the other channel as preset preview (PST) for full seamless alpha switching between preview and program. All adjustment made on PST prior to switching to live PGM display output.

Sparting Mode
Output channels are utilised to stitch or stitch output sources to create large seamless fully synchronised display surfaces.

*shown with optional input and output modules – refer specification and options. 90deg rotation not available at launch