

# RGBlink®



## mini-ISO

### 10-Channel All-in-One Switcher

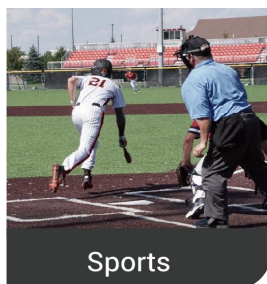
mini-ISO features four 4K HDMI2.0 inputs and four 3G-SDI inputs, one UVC input and one NDI input, supporting signals from PC, Laptop, camera and more. Both Line and Mic level audio are supported. Dual HDMI outputs support for monitoring of multi-view Preview, Program or Test Pattern. One USB output supports YUY2 and MJPEG encoding formats, which can be recognized as a webCAM for streaming to Facebook, YouTube, ZOOM, etc.

mini-ISO is built with 3.5-inch TFT touch screen for menu operation and video sources display. mini-ISO is packed with features including dynamic output control, multi-view preview, picture in picture, chroma Key, transitions, on board PTZ camera controls and much more.

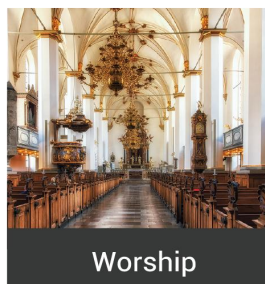
mini-ISO is compatible with Windows and macOS desktop operating systems and supports control via iOS and Android mobile devices. It supports TAO Cloud integrated control and simultaneous streaming to 4 live streaming platforms via RTMP(s).



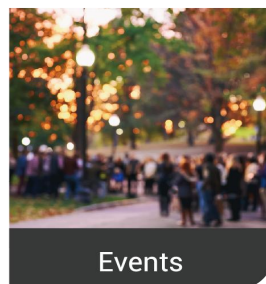
Education



Sports



Worship



Events



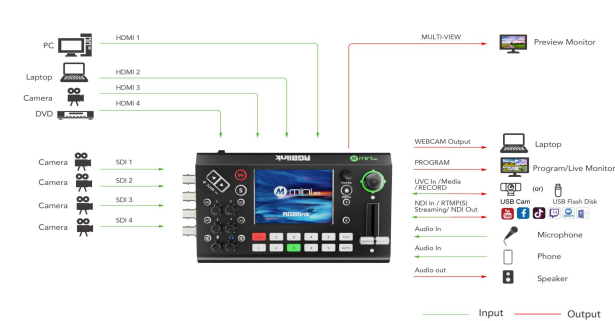
Conference

## Key Features

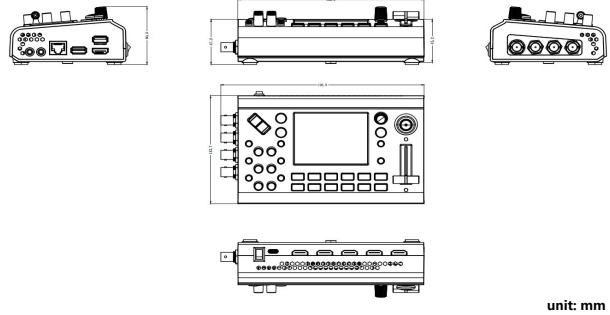
- mini and convenient to carry
- 3.5-inch TFT touch screen for menu operation, signal preview and working status display
- Quad HDMI 2.0 inputs (HDCP 1.4 compliance), resolution up to 4K@60
- Quad SDI inputs supports signal from camera, recorder etc
- UVC input supports signal from USB cam, USB capture etc
- NDI input is a decoder of the NDI source in the ethernet connection range
- Dual HDMI 1.3 outputs for monitoring of multi-view Preview, Program or Test Pattern
- Mix for 4-channel HDMI/SDI embedded and 2-channel external audio
- AUTO and WIPE Switch mode available
- 15 transition effects

- USB 2.0 one-key recording in exFAT or FAT32 format with bit rate up to 16Mbps
- USB output supports YUY2 or MJPEG format, which can be recognized as webcam for streaming
- RTMP(S) network streaming up to 4 platforms
- NDI output as a NDI source is a encoder of the content in the ethernet connection
- Save and load PTZ presets. One-click for preset recall
- 5-direction joystick and toggle for controlling PTZ camera (IP VISCA Protocol supported)
- Specify either “green” or “blue” as the key color for Chroma Key
- Luma Key support
- TAO Cloud control support, compatible with mobile devices and desktop

## Application



## Dimension



unit: mm

## Specification

### mini series mini-ISO

Connectors	Input	HDMI 4K UVC (USB Cam) SDI Media NDI	4xHDMI-A 1xUSB-A (Webcam) 4xBNC 1xUSB-A (Record) 1xRJ45 (LAN)
	Output	HDMI 2K USB (Record) USB (Stream) RTMP(S)/NDI	2xHDMI-A 1xUSB-A (Record) 1xUSB-A (Webcam) 1xRJ45 (LAN)
	Audio	Embedded Audio Input External Digital Input External Analog Input External Analog Output	4xHDMI-A 1xUSB-A (Record) 2x3.5mm mini-Jack 1x3.5mm mini-Jack
	Communication/Stream/Upgrade	LAN	1xRJ45
	Power	Power Supply	1xUSB-C
Performance	Input Resolutions	HDMI 2.0 SMPTE VESA SDI UVC	720p@50/60   1080i@50/60   1080p@24/30/50/60 1024x768p@60   1280x720p@60   1280x768p@60   1280x800p@60   1280x1024p@60   1360x768p@60   1366x768p@60   1440x900p@60   1600x1200p@60   1680x1050p@60   1920x1080p@60   1920x1200p@60   3840x2160p@60   4096x2160p@60 720p@50/60   1080i@50/59.94/60   1080p@23.98/24/25/29.97/30/50/59.94/60 1080p@60
	Output Resolutions	HDMI 1.3 USB	1280x720p@50/60   1920x1080p@30/50/60   1080*1920@60 1280x720p@60   1920x1080p@24/25/30/50/60
	Video	Color Space Video Latency	RGB 8bit   YCbCr 4:4:4 8bit   YCbCr 4:2:2 8bit <3 frames
	Audio	Audio Format Sampling Rate Bitrate	PCM/2ch/24bit/48KHZ 48K 24bit
	Record/Storage	Record Formats Disk Formats	MP4 (up to 16Mbps) FAT32   exFAT
	Supported Standards	HDMI	2.0
		HDCP	1.4
		USB	3.0
		SDI	SMPTE 425M (Level A & B)   SMPTE 424M   SMPTE 292M   SMPTE 259M-C   DVB-ASI
Power	Compatability	USB Power Delivery (PD)	3.0
	Supported Cables	Certified USB PD Aware	
	Input Voltage	12V/2.5A	
	Maximum Power	30W	
	Environment	Temperature	0°C ~ 60°C
Physical	Humidity	10%~85%	
	Net Weight	0.60kg	
	Packaged Weight	1.38kg	
	Net Dimension	197mm x 113mm x 60mm	
	Packaged Dimension	255mm x 145mm x 85mm	

## Order Codes

Order Codes	Item
230-0007-01-0	mini-ISO

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