

RGBlink®



mini-edge SDI

10 Channel All-in-One Switcher

mini-edge SDI features four 4K HDMI 2.0 inputs and four 3G-SDI inputs, one UVC and one NDI bi-direction input & output, supporting digital embedded audio and video signals from PC, Camera and more. Also analog audio by 1 x Phantom, 1 x Line in and 1 x Mic, and a Bluetooth audio.

There are two separate HDMI outputs for multi-viewer Preview, Program or Test Pattern. One USB 3.0 output supports YUY2 and MJPEG capture formats, which can be recognized as a webcam for streaming to Facebook, YouTube, ZOOM, etc.

The UVC can be used bidirectionally for USB disk recording, wireless speaker and wireless microphone. This function can be applied to devices such as RGBlink AI mini. The Ethernet port with NDI license enable is bi-direction too, which ensures that the NDI encoder and decoder can work at the same time.

mini-edge SDI is built in with 5.5-inch TFT panel for menu operation and multiviewer video display.

Compared with mini-edge, mini-edge SDI has 4 more 3G SDI inputs, a ready-to-be-licensed bidirectional NDI, and also noise reduction for audio inputs. Else it features dynamic output control, multi-view preview, picture in picture, chroma key, transitions, on board PTZ camera controls and much more.

mini-edge SDI is webAPP ready. It is also integrated with TAO Cloud for remote control and can stream to at least 4 content platforms at the same time.



Education



Sports



Worship



Events



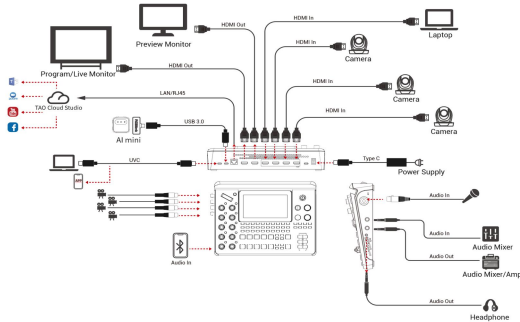
Conference

Key Features

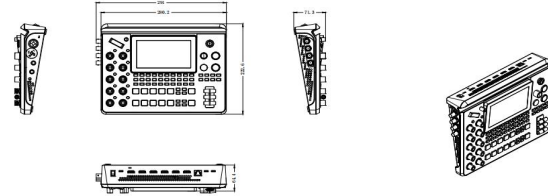
- Embedded 5.5-inch monitor
- 10 input connectors (4 x HDMI 2.0, 4 x 3G-SDI, 2K UVC, and 2K NDI)
- 6-CH customizable video inputs
- Maximum 8 channels for audio mixing
- 2-CH independent HD HDMI
- 2K streaming and live via IP and UVC

- Streaming supports NDI | HX2
- Streaming and management via RGBlink TAO Cloud
- Manual real-time control of PTZ cameras, such as zoom in/out, rotation, and focus, via VISCA or NDI
- Third-party control and integration via free RGBlink Central Control Protocol

Application



Dimension



Specification

Connectors	Input	HDMI 4K UVC (Webcam) 3G SDI NDI	4 x HDMI-A 1 x USB-C 4 x SDI 1 x NDI
	Output	HDMI 2K USB (Record) USB (Stream) NDI	2 x HDMI-A 1 x USB-C 1 x USB-C 1 x NDI
	Audio	MIC IN LINE IN OUT	1 x 6.35mm XLR + TS Jack (48V Phantom Power) 1 x 6.35mm TRS Jack 1 x 6.35mm TRS Jack 1 x 3.5mm mini-Jack
	Communication	LAN	1 x RJ45
	Power	Power Supply	1 x USB-C
Performance	Input Resolution	HDMI	1280 x 720@50/59.94/60 1024 x 768@60 1280 x 768@60 1280 x 800@60 1280 x 1024@60 1360 x 768@60 1366 x 768@60 1440 x 900@60 1600 x 1200@60 1680 x 1050@60 1920 x 1200@60 1920 x 1080i@50/59.94/60 1920 x 1080p@23.98/24/25/29.97/30/50/59.94/60 3840 x 2160p@30/50/60 4096x2160@30/50/60
	Output Resolution	HDMI/USB (Webcam)	1280 x 720@50/60 1920 x 1080@24/25/30/50/60
	Video	Video Formats	HDMI 2.0 HDCP 2.2
		Grayscale Processing	10bit
		Video Sampling	4:4:4 YUV
		Video Latency	<4 frames
	Audio	Line In Delay	up to 8 frames
		Audio Format	HDMI Linear PCM, 24 bits/48 kHz, 2 ch USB Linear PCM, 16 bits/48 kHz, 2 ch
	Record/Storage	Record Formats	MP4
		Disk Formats	FAT32(≤32 GB) exFAT(64GB~2T)
Power	Supported Standards	HDMI	2.0
		USB	3.0
		H.265	ITU-T H.265/ ISO/IEC 23008-2
		Compatibility	USB Power Delivery (PD) 3.0
Environment	Supported Cables	Certified USB PD Aware	
	Input Voltage	Type-C 12V/3.3A	
	Maximum Power	40W	
	Temperature	0°C~45°C	
Physical	Humidity	10%~85% RH	
	Net Weight	1.48kg	
	Packaged Weight	2.80kg	
	Net Dimension	291.0mm x 222.6mm x 71.3mm	
Physical	Packaged Dimension	332.0mm x 238.5mm x 109.0mm	

Order Codes

Order Codes	Item
230-0008-01-0	mini-edge SDI

[1] Recommended but not limited to 2TB.

[2] Simultaneously streaming on multiple platforms depends on the network.

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