



RGBlink®



mini-mx SDI

10 Channel Streaming Video Mixer

mini-mx 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 2 x Phamton, 1 x Line in and 1 x Mic, and a blue tooth audio.

There are two separately 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 bi-direction for USB disk recording or wireless speaker or wireless microphone, such as RGBlink AI mini.

The ethernet port with NDI license enable is bi-direction too, NDI encoder and decoder can work at the same time.

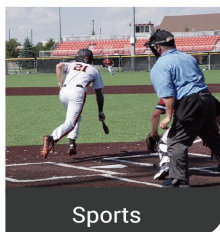
mini-mx SDI is built in with 5-inch TFT touch panel for menu operation and multiviewer video display.

Compared with mini-mx, mini-mx SDI has 4 more 3G SDI inputs and a ready to license NDI bi-direction in & out, also Noise Reduction, Equalizer, Echo, Reverb, Voice Fusion for audio inputs. Else it is the same to mini-mx, which features including dynamic output control, multi-view preview, picture in picture, chroma Key, luma Key, transitions, on board PTZ camera controls and much more.

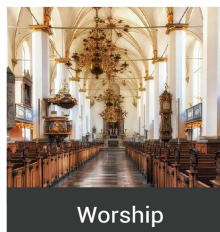
mini-mx SDI is web APP ready, also integrated with TAO Cloud for remote control and restream to at least 4 content platforms at the same time.



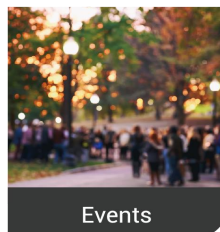
Education



Sports



Worship



Events

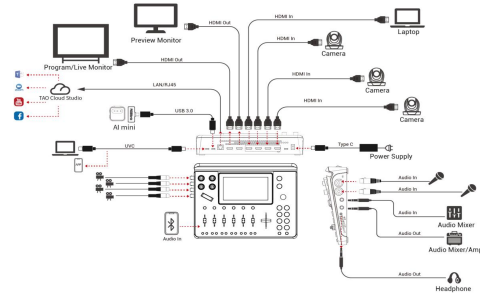


Conference

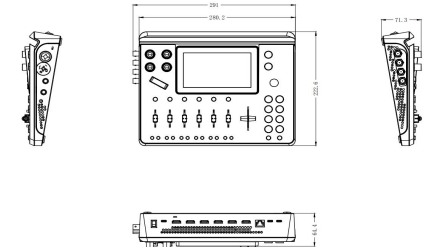
Key Features

- Embedded 5.5-inch TFT and touchscreen
- 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
- Dynamic text overlay/scoreboard
- Configurable VFA (video follow audio)
- 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

mini series mini-mx SDI

Connectors	Input	HDMI 4K	4 × HDMI-A
		3G SDI	4 × SDI
		UVC	1 × USB-C
		NDI	1 × NDI (authorized via TAO Cloud)
		USB (Record)	1 × USB-C
	Output	HDMI 2K	2 × HDMI-A
		USB (Stream)	1 × USB-C
		NDI	1 × NDI
		MIC IN 1	1 × 6.35mm XLR + TS Jack (48V Phantom Power)
		MIC IN 2	1 × 6.35mm XLR + TS Jack
	Audio	LINE IN	1 × 6.35mm TRS Jack
		OUT	1 × 6.35mm TRS Jack
			1 × 3.5mm mini-Jack
		Communication	LAN 1 × RJ45
		Power	Power Supply 1 × USB-C
Performance	Input Resolution	HDMI	1280 × 720@50/59.94/60 1024 × 768@60 1280 × 768@60 1280 × 800@60 1280 × 1024@60 1360 × 768@60 1366 × 768@60 1440 × 900@60 1600 × 1200@60 1680 × 1050@60 1920 × 1200@60 1920 × 1080i@50/59.94/60 1920 × 1080p@23.98/24/25/29.97/30/50/59.94/60 3840 × 2160p@30/50/60 4096x2160@30/50/60
		HDMI/USB (Webcam)	1280 × 720@50/60 1920 × 1080@24/25/30/50/60
	Video	Video Formats	HDMI 2.0 HDCP 2.2
		Color Space	RGB 8bit
		Video Sampling	4:4:4 YUV
	Audio	Video Latency	<4 frames
		Line In Delay	up to 8 frames
		Audio Format	HDMI Linear PCM, 24 bits/48 kHz, 2 ch
	Record/Storage	USB	Linear PCM, 16 bits/48 kHz, 2 ch
		Record Formats	MP4
	Supported Standards	Disk Formats	FAT32(≤32 GB) exFAT(64GB~2T)
		HDMI	2.0
	Power	USB	3.0
		H.265	ITU-T H.265/ ISO/IEC 23008-2
	Environment	Compatability	USB Power Delivery (PD) 3.0
		Supported Cables	Certified USB PD Aware
		Input Voltage	USB-C 12V/3.3A
	Physical	Maximum Power	40W
		Temperature	0℃~45℃
		Humidity	10%~85% RH
	Physical	Net Weight	1.48kg
		Packaged Weight	2.80kg
		Net Dimension	291mm × 222.6mm × 71.3mm
		Packaged Dimension	332.0mm × 238.5mm × 109.0mm

Order Codes

Order Codes	Item
230-0009-01-0	mini-mx SDI

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