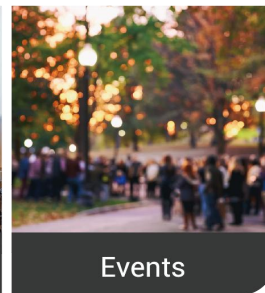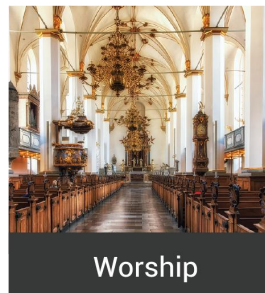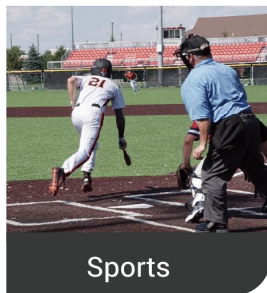# mini-ISO

10-Channel All-in-One Switcher

mini-ISO features four 4K HDMI inputs and four 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 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, luma 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).

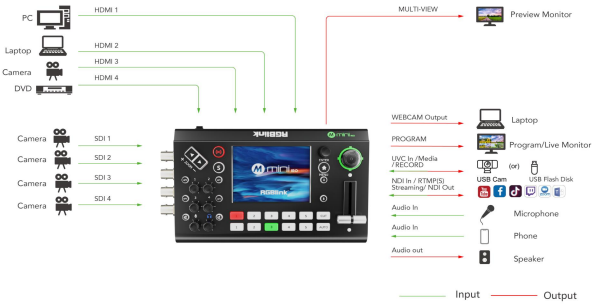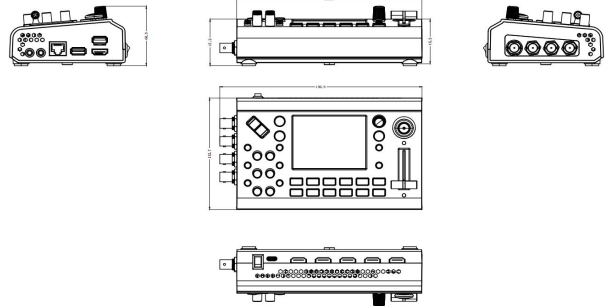Education   Sports   Worship   Events   Conference

Key Features

- mini and is 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 PC, camera,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 bitrate up to 16Mbps
- USB output supports YUY2 or MJPEG format, which can be recognized as webcam for streaming
- Support 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
- Support Luma Key
- Support TAO Cloud control, compatible with mobile devices and desktop

Application

Dimension

unit: mm

Specification

mini series   mini-ISO

Connectors	Input	HDMI 4K	4×HDMI-A
		UVC (USB Cam)	1×USB-A (Record)
		SDI	4×BNC
		Media	1×USB-A (Record)
		NDI	1×RJ45 (LAN)
	Output	HDMI 2K	2×HDMI-A
		USB (Record)	1×USB-A (Record)
		USB (Stream)	1×USB-A (Webcam)
		RTMP(S)/NDI	1×RJ45 (LAN)
	Audio	Embedded Audio Input	4×HDMI-A
		External Digital Input	1×USB-A (Record)
		External Analog Input	2×3.5mm mini-Jack
		External Analog Ouput	1×3.5mm mini-Jack
	Communication/Stream/Upgrade	LAN	1×RJ45
	Power	Power Supply	1×USB-C
Performance	Input Resolutions	HDMI 2.0	
		SMPTE	720p@50/60 | 1080i@50/60 | 1080p@24/30/50/60
		VESA	1024×768p@60 | 1280×720p@60 | 1280×768p@60 | 1280×800p@60 | 1280×1024p@60 | 1360×768p@60 | 1366×768p@60 |
			1440×900p@60 | 1600×1200p60 | 1680×1050p@60 | 1920×1080p@60 | 1920×1200p@60 | 3840×2160p@60 | 4096×2160p@60
		SDI	720p@50/60 | 1080i@50/59.94/60 | 1080p@23.98/24/25/29.97/30/50/59.94/60
		UVC	1080p@60
	Output Resolutions	HDMI 1.3	1280×720p@50/60 | 1920×1080p@23.98/24/25/29.97/30/50/59.94/60
		USB	1280×720p@60 | 1920×1080p@24/25/30/50/60
	Video	Color Space	RGB 8bit | YCbCr 4:4:4 8bit | YCbCr 4:2:2 8bit
		Video Latency	<3 frames
	Audio	Audio Format	PCM/2ch/24bit/48kHZ
		Sampling Rate	48K
		Bitrate	24bit
	Record/Storage	Record Formats	MP4 (up to 16Mbps)
		Disk Formats	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
		NDI	NDI | HX2
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℃~60℃	
	Humidity	10%~85%	
Physical	Net Weight	0.60kg	
	Packaged Weight	1.38kg	
	Net Dimension	197mm × 113mm × 60mm	
	Packaged Dimension	255mm × 145mm × 85mm	

Order Codes

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

Specifications are correct at time of printing and subject to change or alteration without notice!