



RGBlink®

mini ISO

10 channel All-in-One Switcher



mini-ISO is a live broadcast and recording director console with 10 video inputs, 7 audio inputs and multiple output interfaces, supporting multiple layers and mixing control. It is not only suitable for leasing, broadcasting, multi-platform live broadcasting, remote audio and video conferencing, but also for various live events such as stage, education, press conference, sports meeting, etc. It has excellent cost performance while providing high-quality functions.



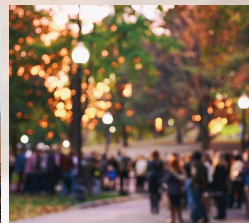
Lease



Broadcasting



Worship



Event



Conference



Full-Featured Keyboard Controls at a Glance

The onboard 4-inch HD full-color screen monitors all input channels and output images in real time. Full-featured keyboard, fast control of any function.



Configurable HDMI Output for live presentations



HDMI PVW port – configure for multi-view or AUX each input

Take Full Control

Integrated PTZ Camera Control

Forget about having multiple separate control panels for video and camera control. mini-ISO brings it altogether, supporting industry standard VISCA protocol for PTZ control directly from the mixer. Control up to four separate cameras with pan, tilt, zoom and focus.



Precise Fingertip Control

Integrated joystick provides tactile control for each PTZ camera. Used together toggle, pan, tilt, zoom and focus from the front panel. Joystick and toggle are additionally dynamically assigned to settings including scale, position and crop for enhanced useability.



Professional broadcast SDI input

Longer transmission distance and more professional broadcast SDI camera input.

*3G-SDI supports up to 100 meters, RGBlink laboratory test data.

Pro Color Rendering and Layers

One-Click Chroma Key

Enable presenters to be in virtual studios and environments with Chroma Key. Select from standard key colours and enable Chroma Key directly on mini-ISO without the need for an app. Refine colour selection and tolerances from the touch screen to optimise.

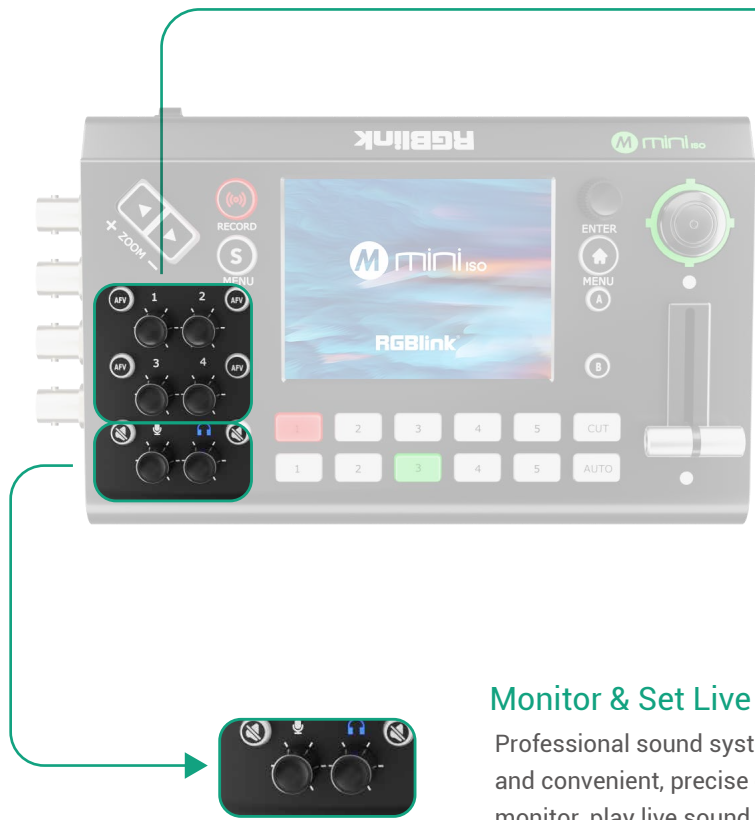


Pro Level Audio

Capture Every Sound

mini-ISO supports 6 audio inputs, including 4 HDMI 2.0 embedded digital audio, 1 type-C external input by USB 2.0 port and 2 external analog audio inputs. The external analog audio inputs include 1x Line (3.5mm connector) input and 1x Bluetooth audio input.

mini-ISO 6 audio inputs support mixing outputs between any and all channels.



Follow the Action & Always be In Sync

Set AFV for any HDMI embedded audio so the audio switches with the video source to PVW and PGM automatically.

Configure audio delay for MIC inputs or a camera input to keep audio in sync with the video.

Monitor & Set Live

Professional sound system table with dynamic button operation, both conspicuous and convenient, precise control, easy to adjust the volume, a key to mute and monitor, play live sound wave.

Pro Level Video

Sophisticated Multi-Layer Presentation

Assemble visuals with multiple layers of video and graphics. mini-ISO offers 2 full video layers plus background image, two graphic overlays from the media pool as well.



Dynamically Scalable

Each of the two assignable video layers may be scaled, positioned and cropped with these placed over the background.

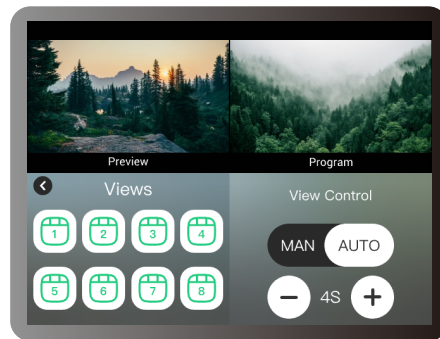
Multiple Layer Sophistication

As well as dual video sources, add also media pool graphic overlays for lower-thirds and branding logos, switch seamlessly between graphic elements.



Interactive Operation with a Touch

Select any source or preset with control panel thumbnails and iconography that makes mini-ISO a natural and intuitive way to present and stream.



Transition Like a Pro

mini-ISO includes multiple DVE transition effects from preset to program, adding sophistication and effect.

Leverage the Power of Presets

Save and store up to 10 presets on mini-ISO allowing 1 press recall of all involved scene settings including PTZ focus with a smooth transition.



Go Remote

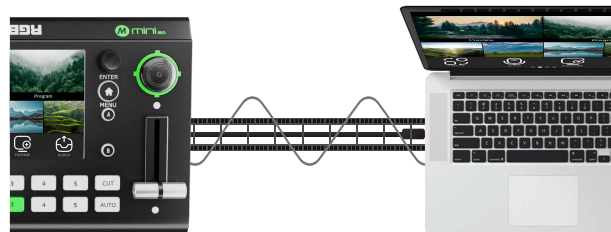
mini-ISO web app is integrated into RGBlink TAO cloud, and works as a cross platform doesn't matter Mobile or Desktop, Windows, macOS, Android. For remote control such as switching and streaming. It comes with openAPI also.

Pro Streaming

Capture & Share

Connect mini-ISO to a laptop for instant recognition as webcam to enabling Capture for apps such as OBS and many more.

Share your presentation in Teams, Zoom™ or any collaboration platform.



live stream

Support vertical screen live broadcast, adapt to more mobile phone live platforms



RTMP(S)

Stream directly to TAO cloud, TAO Cloudn restreams up to 32 content platforms the same time.



NDI

mini-ISO supports NDI|HX2 encoder as FHD. You need to apply for a license first, then import it and use it.



Recording & Media Playback

The mini-ISO provides one USB-A interface for live recording, to USB disk or SSD card, and supports to play back media files from the disk also.

Specification

Connections

Input	HDMI 4K	4 × HDMI-A
	UVC (Webcam)	1 × USB-A
	Media	1 × USB-A
	SDI	4 × BNC
OUTPUTS	HDMI 2K	1 × HDMI-A
	USB (Record)	1 × USB-A
	USB (Stream)	1 × USB-A
	RTMP(S)/ NDI	1 × RJ45
Audio	Embedded audio Input	4 × HDMI-A
	External Digital Input	1 × USB-A
	External Analog Input	2 × 3.5mm mini-Jack
	External Analog Output	1 × 3.5mm mini-Jack
Communication/ Stream/Upgrade	LAN	1 × RJ45
Power	Power Supply	1 × USB-C

Control

Remote Control	TAO Cloud
Firmware Update	TAO Cloud

Operational Environment

Temperature	0° to 60° C
Humidity	10-85% RH

Physical Specifications

Weight	Device	0.60 kg
	Packaged	1.38 kg
Dimensions	Device	197 × 113 × 60 mm
	Packaged	255 × 145 × 85 mm

In the Box

mini-ISO	1
PD power adapter	1
OTG cable	1
USB-C data cable	2
quick guide	1

Order Codes

230-0007-01-0	mini-ISO
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Performance

Input Resolutions	HDMI 2.0
	SMPTE
	720p@50/60 1080i@50/60 1080p@24/30/50/60
Output Resolutions	VESA
	1024×768p@60 1280×720p@60 1280×768p@60 1280×800p@60 1280×1024p@60 1366×768p@60 1440×900p@60 1600×1200p@60 1680×1050p@60 1920×1080p@60
	SDI
Supported Standards	720p@50/60 1080i@50/59.94/60 1080p@23.98/24/25/29.97/30/50/59.94/60
	HDMI 1.3
	1280×720p@50/60 1920×1080p@24/30/50/60
Color Space	USB
	1280×720p@60 1920×1080p@24/25/30/50/60
	HDMI 2.0
Video Latency	HDCP 2.2
	SDI (3G/HD/SD)
	USB 3.0 USB 2.0
Audio Format	NDI HX2
	RGB 8bit YCbCr 4:4:4 8bit YCbCr 4:2:2 8bit
	<3 frames
Sampling Rate	PCM/2ch/24bit/48kHz
	48K
	24bit
Record Formats	MP4 (up to 16Mbps)
	FAT32 exFAT
	USB Power Delivery
Input Voltage	USB PD 3.0
	Supported Cables
	Certified USB PD Aware
Input Voltage	PD 12V/2.5A
	30W