



streaming switcher



In July 2025, RGBlink officially launch and deliver the third-generation mini Video Switcher. Building on the legacy of the last 2 generation, the mini achieves another technological breakthrough. It is the streaming industry's first video switcher offering user-customizable features, allowing users to unlock full capabilities through either a monthly subscribe or a lifetime purchase, tailored to their individual demanding in need.

The third-generation mini retains its compact design and all-black casing while introducing wide a range of optional features, including USB-A recording, PTZ control, live streaming via TAO Cloud, and NDI encoding/decoding(coming soon).These enhancements empower users to effortlessly handle event live streaming and content creation, meeting demands for recording and post-production. Additionally, the 2-inch full-color TFT display has been upgraded to a touchscreen, featuring an icon-based menu interface. Users can now directly monitor multiple input sources, unlocking the benefits of intuitive touch control.



HDMI Input

Four HDMI resolution independent inputs including support for 1080i@50

*1080i@50 input available on HDMI, Output must be set to 50Hz when in use

Power with Ease

Use standard USB-C cables and power supplies. Requiring only 18W. It can be powered by a PD power bank, eliminating worries about power failure and disconnected application.

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● Streaming to Cloud

Using mini to stream via RTMP(S) can achieve up to 2 or more platforms simultaneously. There are two ways to achieve

1. Connecting a computer via UVC can quickly and easily capture edit transmit streaming media to various social media and streaming platforms. (Probably ran out of all the computer resources)

2. Connect ethernet port to the Cloud by router, take TAO cloud for example, restream up to 30+ media and streaming content platforms. (No computer resources consumed)

● Control

Bring it all together with on board control for PTZ cameras directly within mini. Save real-time views of cameras for recall at the touch of a button, Also supports web APP & open API for remote control.

● Record

Capture moments, record video and audio directly from your mini using any portable drive up to 2TB, and nothing else is needed.

● live streaming

Display locally and live using the 2K HDMI output port - for preview or live program output. mini is more than just a streaming switcher, it's a live event switcher.

● Switch

Without affecting the main screen output, the multi-screen preview window can be used to set the screen layout for the next scene, and the appropriate effect can be selected from 15 switching special effects to achieve special effect switching of scenes and realize the transition effect of professional performances.

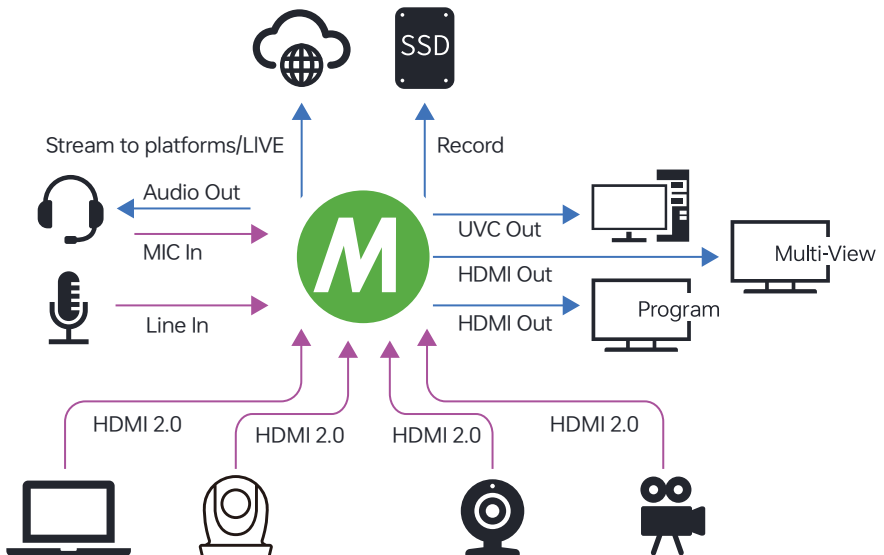
● Preview

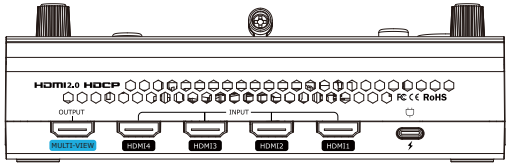
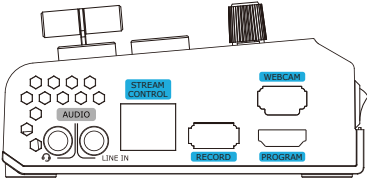
Integrated LCD display to preview all signal sources, and can also output 4 screens for viewing, in order to improve switching safety. 2 HDMI 1.3 outputs, support monitoring multi-screen preview window, main output window or select input independent output.

* Green texts are optional premium functions.
Bind mini to TAO Cloud (www.tao1live.com) and pay to activate.

	COMPACT	mini switcher, easy to carry
	PREVIEW	HDMI optional 6-screen PVW and PGM switching
	PIP	Preset PIP layouts plus customisable & scalable layers
	Touch	Modern intuitive controls
MIX	MIX	Transition between video sources & presets with effect
	Logo	Overlay the brand logo on the screen
	PGM HDMI	Independent HDMI optional
	Streaming	Stream to live streaming platform via RTMP
	Key	Chroma key and DSK for color keying
	Control	Dedicated knob and button for PTZ camera control.
	Recording	Connect hard disk/USB disk and record on site
TAO	TAO Cloud	TAO cloud restream up to 30+ streaming content platforms

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Connections

Input	HDMI 2.0	4×HDMI-A
Output	HDMI 1.3	2×HDMI-A
	USB 2.0 (Record)	1×USB-A
	USB 3.0 (Capture)	1×USB-A
Audio	In	1×3.5mm mini-Jack
	Out	1×3.5mm mini-Jack
Communication	LAN	1×RJ45
Power	Power Supply	1×USB-C

Power Requirements

Power Supply	External USB-C PSU
Max Power	20W
Compatibility	USB Power Delivery (PD 3.0)
Supported Cables	Certified USB PD Aware

Operational Environment

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

Physical Specifications

Weight	Net	0.5kg
	Package	1.3kg
Dimensions	Net	196.9 × 112.7 × 60.3mm
	Package	255×145×85mm

Product Code

230-0011-01-0	mini v3
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Performance

Input Resolution	
HDMI 2.0	1280×720p@50/60 1280×768p@60 1280×1024p@60 1360×768p@60 1366×768p@60 1600×900p@60 1920×1080i@50/60 1920×1080p@30/50/60 3840×2160p@23.97/24/25/29.97/30/50/59.94/60
Output Resolution	
HDMI 1.3	1280×720p@50/60 1920×1080p@24/30/50/60
USB	1280×720p@60 1920×1080p@24/25/30/50/60

Video

Bit Depth	RGB 8bit YCbCr 4:4:4 8bit YcbCr 4:2:2 8bit
Video Formats	8bit
Color Space	4:2:2 YUV
Video Latency	<3 frames
Standard	HDMI 1.3
	USB 3.0
	Ethernet 10/100/1000BaseT

Audio

Audio Format	PCM/2ch/24bit/16bit/48kHz
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Record/Storage

Record Formats	MP4 (up to 16Mbps)
Disk Formats	FAT32(≤32 GB) exFAT(64GB~2T)

In the Box

- mini v3
- External Power supply
- USB-C cable
- International socket adapters