

RGBlink®



M mini pro
streaming switcher

Introducing mini-pro

mini-pro features four 4K HDMI inputs and dual HDMI outputs. Both Line and has Mic level audio supported on board with variable delay controls to bring audio into sync if needed. USB output supports YUY2, MJPEG and H.264 encoding formats, which can be recognized as webcam for streaming to Facebook, YouTube, ZOOM, etc. mini-pro has built with LCD touch screen to display video sources and mini-pro supports simultaneous streaming to 4 live streaming platforms via RTMP(S) plus recording with capacity of hard drive up to 2TB. Packed with features including dynamic output control, mini-pro offers multi-view preview, picture in picture, Chroma Key, transitions, on board PTZ camera controls and much more.



Support for 4K

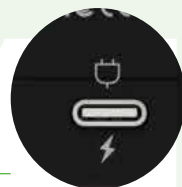
Connect 4K60 sources to take advantage of native formats. Each input is resolution independent support 2K & 4K common formats.

Multi-View

HDMI supports simultaneous monitoring of multi-screen pre-monitoring windows. Main output window or select input independent output

Power with Ease

Use standard USB-C cables and power supplies. Requiring only 24W, never be caught without a power supply again or use in disconnected applications.



mini-pro next level streaming switcher



Toggle

Zoom cameras, adjust volume, move between presets, control right on the surface where and when you need it

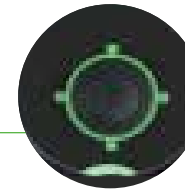


Shortcuts

Access views and audio at the touch of a button

Touch Screen LCD

Display video sources right in front of you. Not only see the settings and features, interact naturally with context aware touch controls. mini-pro offers a host of feature enhancements.



Precision Joystick

Control cameras as well as navigation better than ever with tactile and familiar console control.

Professional Controls

Integral T-bar provides familiar vision mixing style controls ideal for live events.

UVC Output

Support YUY2, H.264, Encoding formats such as H.265 can be recognized as webcam when connected to a computer, making it easy to broadcast live on platforms such as TikTok and youtube.

HDMI PGM Output

Program output for local display matching the video being output to UVC/RTMP.

Record Anywhere

Connect a USB drive to record, directly to SSD for later editing.

Insert & Extract Audio

Input Line or Mic level audio selectable to output. With support for audio delay. Output mixed audio from one or multiple inputs embedded and to the dedicated mini-jack.

Stream

Stream directly over RTMP/RTMPS to TAO Cloud simultaneously with the PGM. TAO Cloud restreams to 30+ content or ecommerce platforms.



Stream

Utilise RTMP to stream directly to multiple platforms at the same time, in addition to UVC streaming via laptops and other USB/UVC devices.

Go Live

Display local and live with the 2K HDMI output port – use for a preview or the live program output. mini-pro is more than a streaming switcher, mini-pro is also a live event switcher

Record

Capture the moment, record video and audio directly from mini-pro with any portable drive up to 2TB, nothing else needed.

Control



Bring it all together with on board control for PTZ cameras directly within mini-pro. Save attribute views of cameras for recall at the touch of a button.

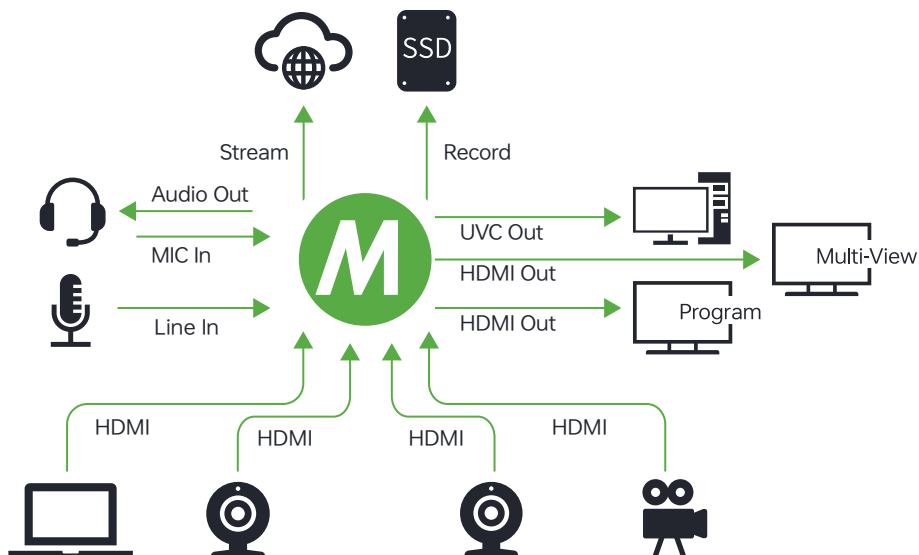
Preview

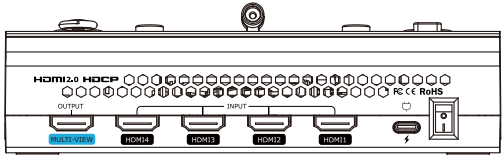
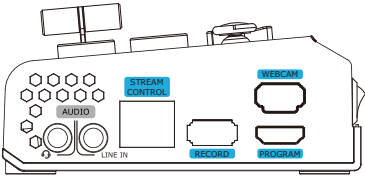
See all sources live immediately in the integral LCD display. Connect video output and display a multi-view preview to always see the next preset before going live.

Mix

Transition and switch between live video program and preset. Recall saved preset views along with scaled video layers for the professional look of a prepared broadcast or presentation.

	COMPACT	mini switcher, easy to carry
	JOYSTICK	pan, tilt, zoom, focus cameras from the switcher
HDMI	4K@60	resolution support across four HDMI inputs
	Web App	remote control from mobiles, tablets and computers
	PREVIEW	four window preview selectable to any output
	SCALE	true dual layer video scalable pixel-to-pixel
	TOUCH	modern intuitive controls
MIX	MIX	transition between video sources & presets with effect
	STREAM	driver free connect mini-pro easily to any platform
	KEY	add transparency to a video to layer over a background
	BLEND	Set PIP blending effect





Connections

Video Inputs	4 × HDMI-A
Video Output	2 × HDMI-A
USB (Record)	1 × USB-A
USB (Stream)	1 × USB-A
Audio In	2 × 3.5mm mini-Jack
Audio Out	1 × 3.5mm mini-Jack
Communication	1 × RJ45
Power	1 × USB-C

Platforms

Software	mini web, android Windows 10, macOS
Mobile Apps	TAO Cloud
Firmware Updates	TAO Cloud

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° to 60° C (32° - 140° F)
Humidity	10-85% RH

Physical Specifications

Weight	Device	420g(0.9lb)
Dimensions	Packaged	1.2kg(2.65lb)
	Device	180×112×53mm 71×4.7×1.3in
	Packaged	255×145×85mm 10.0×5.7×3.3in

Performance

Input Convertors	Independent on each of 4 inputs	
Input Resync	On all 4 inputs	
Input Resolutions	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 4096×2160@60
Output Resolutions	HDMI 1.3	1280×720p@50/60 1920×1080p@24/30/50/60
	USB	1280×720p@50/60 1920×1080p@24/30/50/60
Video	Bit Depth	8 bit
	Video Formats	HDMI 2.0 HDCP 1.4
	Color Space	RGB 8bit YUV 4:4:4 YUV 4:2:2
	Video Latency	<3 frames
Audio	Audio Format	PCM/2ch/24bit/ 16bit/48kHZt
Record/Storage	Record Formats	MP4 (up to 16Mbps)
	Disk Formats	FAT32(≤32 GB) exFAT(64GB~2T)
Supported Standards	HDMI	2.0
	USB	3.0
	H.265	ITU-T H.265/ ISO/ IEC 23008-2

In the Box

mini-pro V3	External Power supply
USB-A to A cable	USB-C cable
Quick guide	International socket adapters

Order Codes

230-0003-03-0	mini-pro v3
---------------	-------------