RGBlink®

mini pro

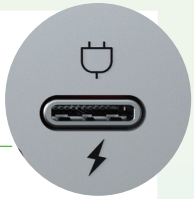
streaming switcher

Introducing mini-pro

The dual channel video switcher mixer for the streaming generation, mini-pro features four resolution independent inputs – connect 2K or 4K signals up to 4K60 to take advantage of native high-performance sources, whether cameras or laptops, without compromise.
While presets for PIP and PBP are provided, mini-pro includes full pixel-to-pixel scaling capabilities for both the PIP and background video layers – truly unique in a streaming mixer of this size – features usually found only on larger professional video mixers.
Audio for output is selectable from embedded sources or an external source. Both Line and Mic level audio a supported on aboard with variable delay controls to bring audio into sync if needed.
In addition to HDMI and USB3.0 streaming outputs, mini-pro includes a dedicated USB recording port. Simply connect a portable drive and record directly from mini-pro.
The exclusive integral display not only shows video preview, but is touch enabled for natural operation of features and settings. Remote control is available via free companion apps for laptops and mobile devices too.
mini-pro is packed with features including dynamic output control, preview multi-view, picture in picture, Chroma Key, video transitions, on board PTZ camera controls and more.

Support for 4K

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



Power with Ease

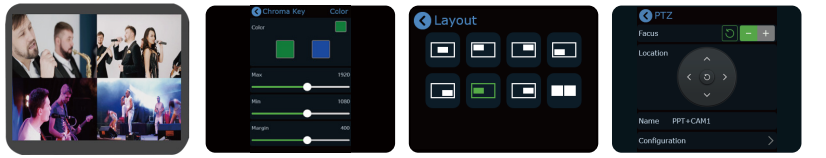
Use standard USB-C cables and power supplies. Requiring only 24W, never be caught without a power supply again or use in disconnected applications.

mini-pro next level streaming switcher

Toggle
Zoom cameras, adjust volume, move between presets, control right on the surface where and wen 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.



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

Precision Joystick
Control cameras as well as navigation better than ever with tactile and familar console control.

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

Stream
Connect to a laptop to stream to virtually any platform or capture in popular media apps.

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

Stream

SuperSpeed USB3.0 streaming to take video to the world. Simply connect mini-pro to a laptop or other device to stream quickly and easily to hundreds of social media and streaming platforms as well as a vast array of popular collaboration applications.

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 a of prepared broadcast or presentation.

COMPACT mini switcher, easy to carry

STREAM driver free connect mini-pro easily to any platform

4K resolution support across four HDMI inputs

SCALE true dual layer video scalable pixel-to-pixel

MIX transition between video sources & presets with effect

PREVIEW six window preview selectable to any output

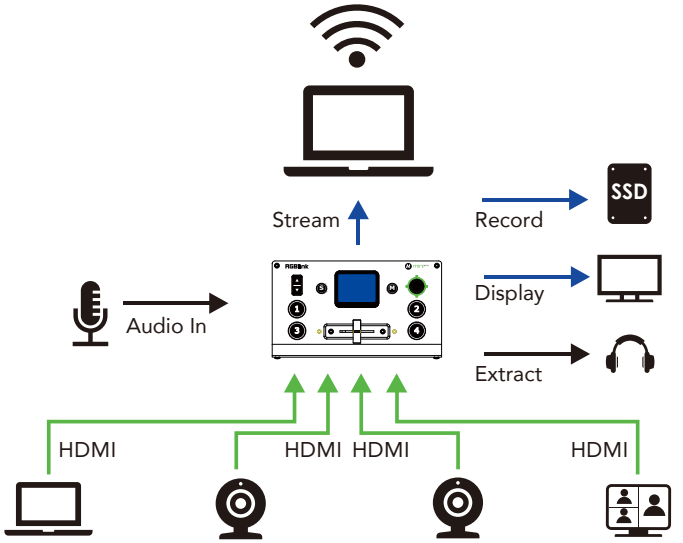
TOUCH modern intuitive controls

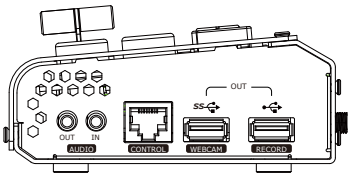
APPS remote control from mobiles, tablets and computers

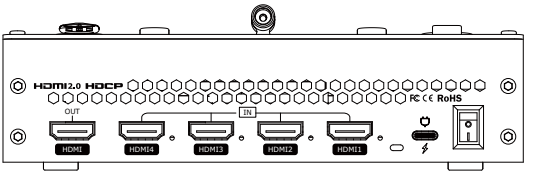
FOLLOW pan, tilt, zoom, focus cameras from the switcher

KEY add transparency to a video to layer over a background

LISTEN embed and extract multi channel audio mix







Connections

Video Inputs	4 x HDMI-A
Video Output	1 x HDMI-A (1 x 2K)
Streaming Output	1 x USB-A
Recording Output	1 x USB-A
Audio In	1 x 3.5mm mini-Jack
Audio Out	1 x 3.5mm mini-Jack
Communication	1 x RJ45
Power	1 x USB-C

Platforms

Software	RGBlink XPOSE mini Windows 10, macOS
Mobile Apps	RGBlink mini iOS, Android
Firmware Updates	RGBlink XTOOL Via Ethernet

Power Requirements

Power Supply	External USB-C PSU
Max Power	24W
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	0.5kg (1.1lb)
	Packaged	1.3kg (2.9lb)
Dimensions	Device	180x118x58mm 71x4.7x1.3in
	Packaged	255x145x85mm 10.0x5.7x3.3in

In the Box

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

Performance

Input Convertors	Independent on each of 4 inputs	
Input Resync	On all 4 inputs	
Input Resolutions	**SMPTE** 720p50, 720p60, 1080i50, 1080p23.98, 1080p24.97, 1080p50, 1080p59.94. 1080p60 **VESA** 1024x768@60, 1280x720@60, 1280x768@60, 1280x1024@60, 1360x768@60, 1366x768@60, 1440x900@60, 1600x1200@60, 1680x1050@60, 1920x1080@60, 3840x2160@60*, 4096x2160@60*	
Output Resolutions	720p50, 720p60, 1024x768@60, 1280x768@60, 1280x1024@60, 1360x768@60, 1080p23.98, 1080p24.97, 1080p50, 1080p59.94. 1080p60	
Supported Standards	Video	HDMI 2.0, HDCP 2.2
	Streaming	ITU-T H.265, ISO/IEC 23008-2
	USB	3.0
	PTZ Control	VISCA
	Disk Formats	FAT32, exFAT
	Recording	MP4, WAV
	Ethernet	10/100/1000BaseT
Video Sampling	4:4:4 YUV	
Grayscale Processing	10bit	
Color Space	RGB	
Colorspace Conversion	Realtime in Hardware	
Latency	<4 frames	
Audio In Delay	Up to 8 frames	
Mic Plug In Power	Available	
Analog Input	Unbalanced Stereo	
Chroma Keys	1	
Output Video Layers	2 PGM, 2 PVW	

Order Codes

230-0003-01-0	mini-pro