



► Feature:

1. Broadcast-Grade Multi-Layer Production & Ultimate Image Quality

- 9-Channel Professional Input: Supports up to 9 input channels, including 6x configurable SDI/HDMI inputs, plus NDI network video input (optional) and multimedia input to handle complex signal sources.
- 4K Ultra HD Support: Accepts 4K 60fps video input, ensuring exceptionally clear, smooth, and artifact-free source footage.
- 12-Layer Graphics Overlay: Delivers advanced studio-grade production capabilities, including background replacement, chroma key (green/blue screen), logo/image overlay, S/SRC (Super Source), and DSK/USK (Downstream/Upstream Keying).

2. Comprehensive & Professional Interface Configuration

- Flexible Video I/O: Equipped with 6x SDI/HDMI inputs (user-configurable combinations) + 1x LAN/USB input; and 2x SDI/HDMI outputs + 1x LAN/USB output, perfectly 适配 for multi-monitor, large screen, and streaming setups.
- Broadcast-Grade Audio: Features 2x 3.5mm audio inputs/outputs, plus 2x professional XLR audio inputs. A built-in professional audio processing module ensures pristine sound quality and perfect A/V synchronization.
- Storage & Expansion: Includes a built-in SD card slot and a USB 3.1 port for high-capacity storage and high-speed data transfer.

3. Powerful Streaming & Dual-Path Recording

- Multi-Platform Streaming: Built-in live streaming engine supports RTMP and SRT protocols via LAN, enabling one-click streaming to global platforms (YouTube, Facebook, Twitch, Bilibili, TikTok, WeChat Channels, etc.).
- Lossless UVC Streaming: The USB 3.1 port supports lossless signal output (UVC mode). It is plug-and-play and recognized directly as a high-definition webcam by computers.
- Dual-Path Independent HD Recording: Supports 1080p 60fps local recording. Recording and streaming bitrates can be set independently, ensuring a smooth live stream while simultaneously maintaining high-bitrate local archiving. Supports one-key REC and instant playback via USB flash drive or SD card.
- Built-in Media Library: Integrated media library and image generator allow for quick asset loading to enrich live visual presentations.

4. Professional Control & Full-Scenario Adaptability

- Horizontal & Vertical Dual Modes: Offers flexible layout options. Horizontal mode is ideal for PC, traditional TV, and widescreen displays; vertical mode is perfectly optimized for mobile live streaming (e.g., TikTok, Kuaishou, WeChat Channels) without the need for post-production cropping.
- Integrated PTZ Camera Control: Connect via LAN using the VISCA protocol. The professional control joystick allows a single operator to manage multi-camera setups, including pan/tilt, focus, positioning, exposure, and white balance adjustments.
- Ergonomic Control Panel: Features 1-6 source selection keys, MEDIA, OUT, and AUTO shortcuts; a professional T-Bar for smooth, cinematic transitions; MACRO commands; audio control knobs; DSK/USK keys; and dedicated multimedia controls.
- Multi-Device Remote Collaboration: Supports remote control via mobile QR code scan or PC browser (Web console). Users can seamlessly adjust streaming parameters, switch channels, and trigger transitions across smartphones, tablets, and computers.

5. Industrial-Grade All-in-One Portable Design

- 13.3-Inch HD Monitoring Screen: Features a built-in large high-definition display supporting Multiview preview and real-time monitoring of the final output, eliminating the dependency on external monitors.

- **Robust Metal Chassis:** Constructed with a full metal body for superior durability and excellent heat dissipation, designed to withstand harsh outdoor or high-intensity live event environments.
- **All-in-One Portability:** Integrates the screen, control panel, T-Bar, and interface box into a single, compact unit. Equipped with a portable carrying handle for maximum mobility and true plug-and-play convenience.

Ideal Applications:

Esports broadcasting, multi-camera conference and forum recording, church services, online course production, outdoor live event directing, and vertical short-video platform streaming.

Specification:

Category	Parameter	Specification
Screen	Size	13.3 inch
Interfaces	Video Input	SDI & HDMI * 6
	Video Output	HDMI * 2, SDI * 2
	Audio Input	XLR * 2, Line (3.5mm Stereo) * 2
	Audio Output	Line (3.5mm Stereo) * 2
	Control Interface	LAN * 1 (For network streaming, PTZ camera control, software control)
	UVC Output	USB TYPE-C * 1
	USB	USB * 2
	SD Card	Video recording storage
	Power	DC 15V
Functions	Transition	T-Bar / AUTO / CUT
	Effects	WIPE (multiple patterns) / MIX / DIP / Transition Preview / BKGD / Freeze (Static) / MUTE / FTB
	Layout	Supports Landscape / Portrait mode
	Key	Upstream Key: Luma Key * 1, Chroma Key * 1, PIP * 2, POP. Downstream Key: DSK * 1, LOGO * 2

	Layers	PGM supports up to 12 layers
	Audio	SDI/HDMI * 6, Multimedia and 2-channel Mic / 2-channel Analog Audio Input; Audio Delay: 0-1s
	PTZ	VISCA IP Protocol
	Media Library	Supports preset background images, LOGOs, and video streams
	Streaming	H.264 encoding, supports recording and multi-channel network streaming, supports separate bitrates for recording and streaming
	Logo/Overlay	Arbitrary size (max 940*540) and position, supports Alpha transparency channel (png image)
Format Support	HDMI Input Format	2160p60/59.94/50/30/29.97/25/24/23.98 (HDMI 2.0 port)
		1080p60/59.94/50/30/29.97/25/24/23.98, 1080i50/1080i60
	HDMI Output Format	1080p60/59.94/50/30/29.97/25/24/23.98, 1080i50/1080i60
	HDMI Color Space	RGB / YUV
	UVC Output	USB 3.1 lossless output, max support YUV2 1080p60
	Data Stream Support	1080p60/59.94/50/30/29.97/25/24/23.98
	SDI Output Support	HD 3G Level A YCbCr422 10bit 1080p60/59.94/50/30/29.97/25/24/23.98, 1080i50/1080i60
Others	Voltage	10~24V
	Power Consumption	≤35W
	Dimensions (L×D×W)	350×220×52mm
	Weight	< 4kg
	Operating Temp.	Operating: 0°C~50°C; Storage: -30°C~70°C
	Accessories	Adapter (15V 3A) * 1, USB 3.0 Data Cable (A to A), Carry Bag × 1