TEVO-PC500 Mobile

Pro 4K All-in-One Video Mixer Switcher

KEY FEATURES

- **Built-in Display:** 5.5-inch FHD Monitor (1920×1080)
- **4K60FPS Support:** HDMI IN1 & IN2 support up to 4K@60fps input
- **UVC Output (Webcam Mode):** USB 3.0 Type-C driverless HD webcam output for PC
- **PTZ Camera Control:** Real-time control of up to 4 PTZ cameras (Zoom, Pan/Tilt, Focus)
- **30 Pro Effects & AI Chroma Key:** 2× PIP, 2× Logo overlays, T-Bar / EAZY layer modes, and AI Green Screen keying
- **Control Camera:** VISCA Over IP
- **Flexible Inputs (8-Choose-4):** Integrated 8-choose-4 channel input from 4× 3G-SDI & 4× HDMI
- **Custom Outputs:** 2× HDMI + 1× 3G-SDI (Configurable to Input, PST, PGM, or MV)
- **Dual-Orientation & Direct Stream:** Simultaneous Horizontal & Vertical streaming + Recording (SD Card / USB Drive / Mobile HDD at 1080p@60fps)
- **Built-in Media Player:** Direct playback from USB disk & UVC camera input without a converter
- **Pro Audio Mixing:** AFV/MIX modes, 4× HDMI audio + 2× External 3.5mm Mic/Line inputs
- **Web Server Control:** Control switcher via web browser on any network device

Applications: Education & E-Learning • Sports Live Production • Worship & House of Prayer • Events & Multi-Cam Production • Conference & Webcast

TECHNICAL SPECIFICATIONS

Category	Specifications
Display & System	• **Built-in Screen:** 5.5-inch FHD Display (Resolution: 1920×1080) • **Stream in:** Supports SRT, RTSP, NDI HX2 • **Stream out:** Supports RTMP, RTMPS • **Channel Switching:** Integrated 8-choose-4 channel input from 4× SDI & 4× HDMI • **System Features:** Supports language settings; Supports network upgrade; Supports static MAC address
Input Connectors	• **4× 3G-SDI:** SDI 1080P Input Interface • **2× HDMI 2.0:** HDMI 4K Input Interface (IN1 / IN2) • **2× HDMI 1.3:** HDMI 1080P Input Interface • **1× USB 2.0 (Type-A):** Video Playback / Image Loading / UVC Input / **Program Upgrade**
Output Connectors	• **1× 3G-SDI:** PGM Output (Configurable: Input / PST / PGM / MV) • **1× HDMI 1.3:** PGM Output (Configurable: Input / PST / PGM / MV) • **1× HDMI 1.3:** AUX Output (Configurable: Input / PST / PGM / MV) • **1× USB 3.0 (Type-C):** UVC Output Interface (Lossless Video Streaming Capture)
Audio & Control	• **Audio Input (MIC IN):** 2× 3.5mm Audio Interface (Compatible with MIC/LINE Stereo Input) • **Audio Output (PHONES):** 1× 3.5mm Audio Interface (Monitor Output) • **Control Interface:** 1× LAN (RJ45) for Network Control / Network Streaming / PTZ Camera Control
Video Resolution	• **HDMI Input:** (IN1/IN2) 3840×2160P 30/50/60; 1920×1080P 23.98/24/25/29.97/30/50/59.94/60; 1920×1080i 50/59.94/60; 1280×720P 50/59.94/60; 1280×800P 60; 1280×1024P 60; 1440×900P 60; 1680×1050P 60 • **HDMI Output:** SMPTE: 1080p @ 24/30/50/60fps • **USB 3.0 Output:** Video Streaming: 1080p @ 24/30/50/60fps

Category	Specifications
Storage & Performance	• **Storage Recording:** 1× SD Card Slot (SD Card Recording) | USB Port (USB Drive Recording / **Mobile Hard Drive Recording** at 1080p@60fps) • **Video Sampling:** YUV 4:4:4 | **System Latency:** < 3 Frames | **Audio Delay:** 0–500 ms (0–30/25 frames)
Power & Physical Specs	• **Power:** Input Power: DC 12V/2A | Constant Power: 20W • **Operating Environment:** Operating Temperature: 0°C ~ 70°C | Operating Humidity: 10% ~ 85% • **Dimensions & Weight:** Unit Dimensions: **269.9 × 166.4 × 55.7 mm** | Net Weight: 1.5 kg | Gross Weight: **2.1 kg** • **Dimensions & Weight (Hand carry case including): 330 x 350 × 140 mm** Weight : **4.1 kg**
Built-in Monitor Specifications	• **Display Size & Panel:** 14-inch IPS Panel | Viewing Angle: 178° • **Resolution & Refresh Rate:** 1920 × 1080 (Full HD) | Aspect Ratio: 16:10 | Refresh Rate: 60Hz • **Brightness & Contrast:** Brightness: 250 cd/m² | Contrast Ratio: 800:1 | HDR Support: Yes • **Audio & Dimensions:** Built-in Dual Speakers | Monitor Dimensions: 320 × 205 × 10 mm



