



UV600-L

5G Portable HD Mobile Bonding Encoder and Decoder

- Up to 10 network links:
Up to Internal 6*5G modems+
External 2*3G/4G/ 5G modems+WiFi+LAN
- HEVC (H.265),AVC(H.264)
- Support up to 1080P60 HDMI/SDI IN



The UV600-L is a next-generation broadcast-grade HD mobile live encoder, engineered as an optimized evolution of the UV600 for professional live production and signal contribution. It significantly enhances wireless capabilities with support for up to six 5G modems and WiFi 6, delivering superior access speeds and anti-interference stability in complex network environments.

By integrating i-Mux intelligent slicing, multipath transmission, and advanced smart encoding, the system maximizes bandwidth efficiency while maintaining pristine video quality. This robust platform is purpose-built for mission-critical applications—such as news gathering, live sports, and emergency command—providing the ultra-low latency and high reliability demanded by broadcasters, converged media platforms, and public safety sectors.

Main function:



Up to 10 network connections



5-inch touch screen OLED



Four signal inputs:
SDI, HDMI, UVC,
and IP stream



Real-time
Video Return



Tally+VoIP for
more efficient
communication



Low-latency
streaming protocols
(SRT, RTMP, HSL, UDP)



Low-latency
NDI output



4-hour built-in battery
with support for
external batteries



Easy remote control
(Touch screen, WinApp,
Web access)



Landscape &
portrait screen
mode switch



Operation modes (Live,
Rec&Live, File transfer
and data bridge)



Advanced Encryption
Standard Transmission



Logo insertion



Up to 8 audio
channels



3.5mm line in



PTZ compatibility,
remote control

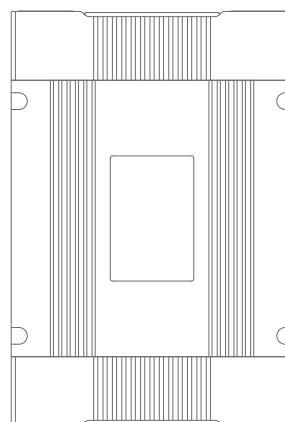
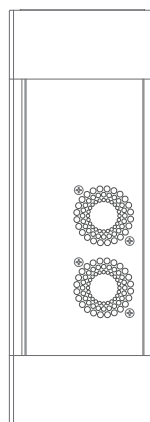
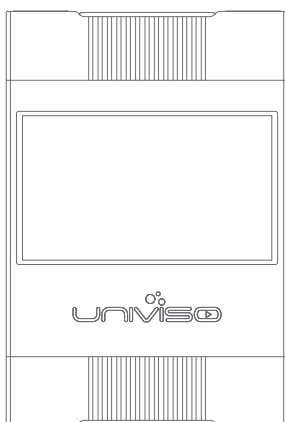
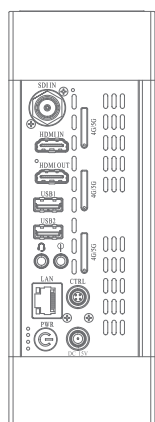
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Technical Specifications:



Model	UV600-L 4G	UV600-L 5G	UV600-L 5G H
Network Connections	Up to 10 network links: Internal 6*4G modems+ External 2*3G/4G/ 5G modems+WiFi+LAN	Up to 10 network links: Internal 3*5G +3*4G modems+ External 2*3G/4G/ 5G modems+WiFi+LAN	Up to 10 network links: Internal 6*5G modems+ External 2*3G/4G/ 5G modems+WiFi+LAN
WiFi	WiFi 6 (AP/STA mode configurable), Dual-band 2.4GHz/5GHz compatible.		
Management	5-inch OLED Touch screen, Web, and WinApp		
Collaboration	IFB two-way intercom, Tally, PTZ control		
Compatible Servers	UV2004/UV2102		
Link Aggregation	Univiso i-Mux intelligent link aggregation & iVBR technology		
Bitrate Control	CBR/VBR selectable; Adjustable range: 100k ~ 50Mbps		
Video Interfaces	1*3G-SDI In, 1*HDMI In, 1*HDMI Out		
Video Encoding	H.264 / H.265 selectable; Supports transcoding and portrait/landscape switching		
Audio Input	IFB intercom audio & Stereo Line-in; SDI/HDMI audio embedding supported		
Audio Encoding	AAC (LC, HE); Adjustable bitrate & sampling rate; 8 audio channels supported; Channel replication/selection; Light compression or PCM transparent transport		
Color Depth/Chroma	8bit, 4:2:0, BT.709		
Video Standards	1080p60/50/30/25, 1080i60/50, 720p60/50/30/25, NTSC, PAL		
Local Storage	128GB SD card (Supports >20 hours of continuous recording)		
Work Modes	Live, Rec & Live, File Transfer, Data Bridge		
Streaming Protocols	HLS, RTMP/RTMPS, UDP-TS, SRT, NDI		
Logo Insertion	User-defined logo supported		
Video Return	Supports 3rd-party pull streaming and PGM return		
Intercom	3.5mm headset (Terminal-to-controller two-way talk, IFB system compatible); Bluetooth headset supported		
Weight	1700g		
Dimensions	135*199*70mm		
Power Supply	AC: 110-240V DC: 9~17V		
Battery	Built-in 86Wh battery (≥4 hours runtime)		
Power Consumption	< 30W		
Operating Temp	-20°C~50°C		