

5G

Portable HD mobile bonding encoder and decoder

UV100 Pro



H.265 HEVC

Main function:



Up to 10 network connections

LED

4-inch touch screen LED



SDI + HDMI inputs



Real-time Video Return back to the field crew



Tally + VoIP for more efficient communication



Bonding Server SDI outputs +up to 4 simultaneous IP streams per encoder



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

NDI

Low-latency NDI output



2-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 and File transfer)



Line in for audio Embedded



Logo insertion

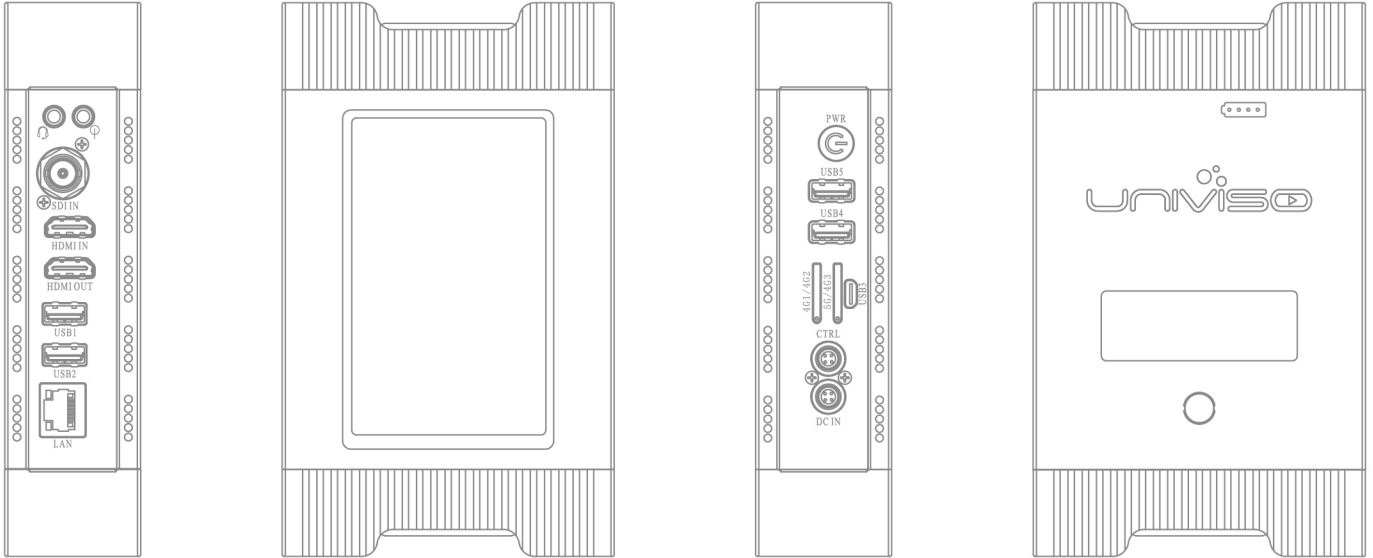


Cold Shoe Camera mount or Beltpack carry-on

PTZ

PTZ Camera remote control

Technical Specifications:



Product Model	UV100 Pro-5G	UV100 Pro
Network Connections	Up to 10 network links: Internal 1*5G+3*4G modems + External 4*3G/4G/5G modems + WiFi+ LAN	Up to 10 network links: Internal 4*4G modems + External 4*3G/4G/5G modems + WiFi +LAN
Management	4-inch touchscreen, Windows App and Web access	
Collaboration	Two-way intercom full-duplex voice communication, Remote Tally indication	
Server	UV2001/UV2004/2101/2102	
Aggregation	Proprietary i-Mux™ intelligent bonding and i-VBR technologies	
AV Connectors	Input: 1*3G-SDI, 1*HDMI v1.4 Loop out: 1*HDMI v1.4	
Audio input	SDI and HDMI(Embedded), Line in(3.5mm), intercom	
Bitrate	CBR/VBR 100k~35M	
Formats	1080P 25/29. 97/30/50/59. 94/60, 1080I 50/59.94/60, 720P 50/59.94/60, PAL, NTSC	
Video encoding	HEVC(H.265), AVC(H.264)	
Color Space & Bit Depth	8Bit 4:2:0, BT.709	
Storage Capacity	64G SD storage capable to 20 hours HD recording	
Working Mode	Live mode, Rec & Live and File transfer	
Streaming Out	HLS, RTMP, UDP-TS, SRT, NDI	
Size	105*175*43mm	
Weight	690g	
Power	Battery: 2 hours. DC: 9~17V	
Power Consumption	Less than 16W	
Operating Temperature	-10℃~50℃	