

5G Portable HD mobile bonding encoder

UV100 Pro



Main function:



Up to 10 network connections



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 with up to 4 SDI outputs+ up to 4 simultaneous IP streams per encoder



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



Low-latency NDI output



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



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



Up to 4 audio channels



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



Line in for audio Embedded



4 x Internal Cellular

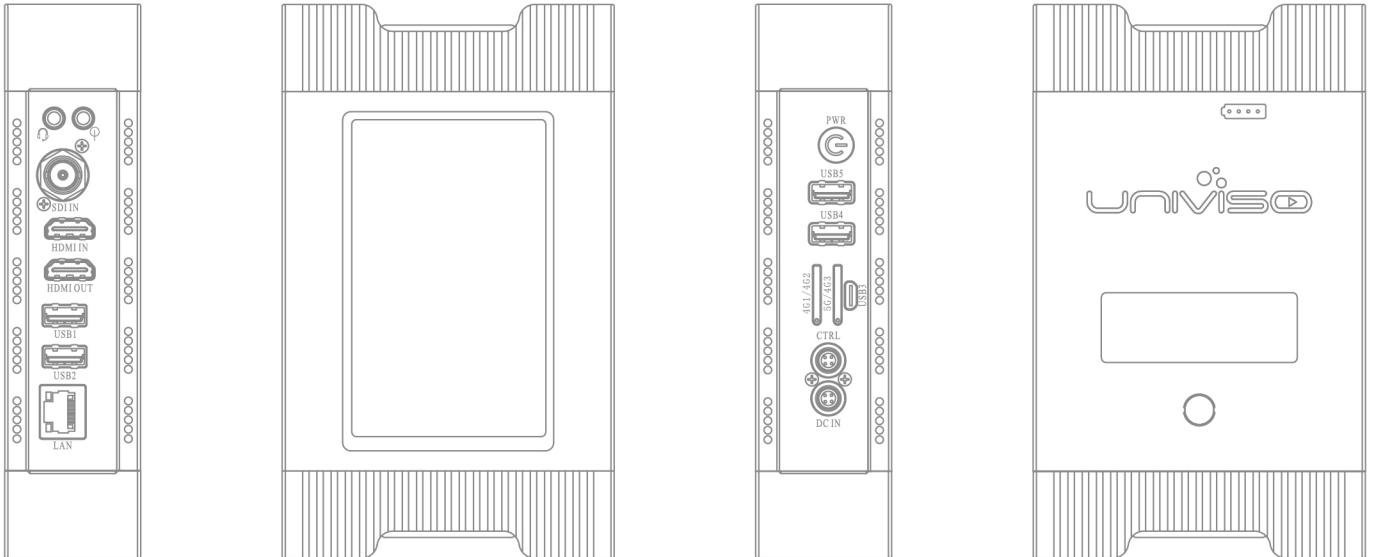


3G/4G/5G supported



H.264/ Hevc

Technical Specifications:



Product Model	UV100 Pro 5G	UV100 Pro 4G
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	
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	
Bitrate	CBR/VBR 100k~35M	
Video Standard	1080p60/ 59.94/ 50/ 30/ 29.97/ 25; 1080i60/ 59.94/ 50 ;720p60/ 59.94/50 PAL,NTSC	
Audio Input	SDI and HDMI (Embedded), Line in (3.5mm), intercom	
Audio Encode	AAC-HE/ LC, up to 4 audio channels	
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	HLS, RTMP (S) , UDP-TS, SRT	
Size	105*175*43mm	
Weight	690g	
Power	Battery: U824474PG-2S1P 7.4V 3600mAh 26.64Wh	
Power Consumption	Less than 16W	
Operating Temperature	-10°C~50°C	