

# 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 with up to 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

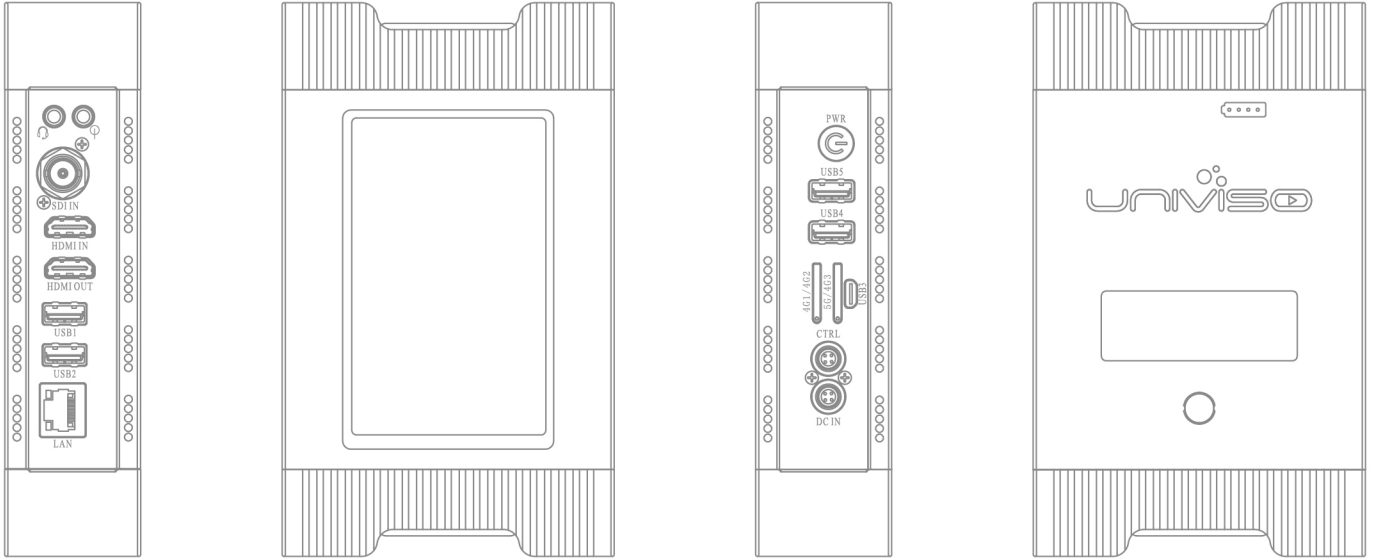


Cold Shoe Camera mount or Beltpack carry-on

PTZ

PTZ Camera remote control

### Technical Specifications:



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