

univiso
UV820



5G+4K

Portable Encoder & Bonding Encoder

- Up to 12 network links:
Up to Internal 8*5G modems+
External 2*3G/4G/5G modems+
WiFi+LAN
- 5 inch OLED touch screen
- 4KP60+10bit HDR
- 12G SDI+HDMI2.0



Main function:



Up to Build-in 8*5G
up to 12 network
connections



Build-in Wi-Fi+Gigabit
Ethernet, Make local
connections easier



5-inch touch
screen OLED



Real-time Video
Return back to
the field crew



2160P60+10bit+HDR
More, realistic color
and higher contrast



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



Low-latency
NDI output



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



Local server 4K SD
output +up to 4
platforms streaming
output



Landscape&portrait
screen mode switch



Tally+VoIP for
more efficient
communication



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



Logo insertion



i-mux smart multi
linkage aggregations



Build-in Antenna
matrix, portable
and beautiful

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Portable Encoder & Bonding Encoder

Technical Specifications:



Product Model	UV820-4G-HD	UV820-4G-4K	UV820-5G-HD	UV820-5G-4K
Formats	1080P60/50/30/25/24, 1080I60/50, 720P60/50/30/25, PAL, NTSC	2160P60/P50/30P/25 1080P60/50/30/25/24, 1080I50/60, 720P60/50/30/25, PAL, NTSC	1080P60/50/30/25/24, 1080I60/50, 720P60/50/30/25, PAL, NTSC	2160P60/P50/30P/25 1080p60/50/30/25/24, 1080I60/50, 720p60/50/30/25, PAL, NTSC
Network Connections	Up to 12 network links: Up to Internal 8*4G modems+ External 2*3G/4G/5G modems+WiFi+WAN		Up to 12 network links: Up to Internal 8*5G modems+ External 2*3G/4G/5G modems+WiFi+WAN	
AV Connectors	Input: Up to 1*12G-SDI,or 4*3G-SDI, 1*HDMI IN V2.0 Loop out: 1*SDI OUT ,1*HDMI OUT V2.0			
Aggregation	Proprietary i-Mux™ intelligent bonding and i-VBR technologies			
Audio Input	HDMI or SDI Support up to 16 audio channels			
Video Encoding	HEVC(H.265)AVC(H.264)main profile			
Bit Rate	CBR/VBR, up to 100Mbps			
Color Space & Bit Depth	10bit/8bit 4:2:2/4:2:0, BT.709/BT.2020			
Dynamic Range	SDR/HDR			
Audio Encoding	48KHz/16bit code, AAC			
Storage Capacity	128G SD storage capable to 20 hours HD recording			
Working Mode	Live mode, Rec & Live and File transfer			
Management	5-inch touchscreen, Windows App and Web access			
Collaboration	IFB (3.5mm earphone jack), Remote Tally indication 1*Line in ,1*Line out ,1*IFB,1*Mic in			
Streaming Out	HLS, RTMP/ RTMPS, UDP-TS, SRT			
Video Return	Support display remote location video on the screen or output through HDMI			
Size	202*145*72.5mm			
Power	Battery: 4 hours. AC: 110-240V. DC: 9~19V.			
Power Consumption	Less than 25W			
Operating Temperature	-10℃~50℃			
Weight	1700g			