

ULTRA Series

UL-718AVP (VBS-HDIP-718AVP)

Just Add
Power
AV over IP Solutions

4K Encoder with Dolby DSP, USB, Stereo Out, Mic- & Line-in



The Ultra Series 718AVP Encoder distributes 4K video over a Cat5e or greater network cable while providing Dolby Digital 5.1 downmixing and adjustable volume and delay for an immersive audio experience.

The 718AVP encodes a 4K or lower-resolution source device into an IP signal and sends it over the network with ultra-low latency and instant switching; and supports USB and KVM; along with all the 4K system wide features from the Ultra Series product line.

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Video

Maximum Input	4096x3840, 60fps, 24-bit color depth, YUV420 4096x3840, 30fps, 36-bit color depth, YUV420 4096x3840, 30fps, 24-bit color depth, YUV444 2560x1440, 60fps 1920x1080, 120fps 1920x1080, 60fps, 36-bit color depth, YUV444
Maximum Output	4096x3840, 30fps, 24-bit color depth, YUV444
Dynamic Range	SDR, HDR10, HLG
HDMI Standard	HDMI 2.0a
EDID Management	Default, Built-in, Custom, and Captured

Compliance

Certification	FCC/CE/ROHS/RCM
HDCP Compliance	2.2

Endpoint Control

Endpoint Control Features	Serial Pass-through, Serial over IP, IR over IP, and CEC over IP
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Image Pull

Format & Video Sub-stream	BMP or PNG
Maximum Framerate	10 fps

USB (KVM)

USB Standard	USB 2.0
USB Features	Keyboard, Mouse, Touchscreen, Gaming Controller or Joystick, USB Flash Drive, PTZ Camera Control Devices

Audio

Supported Audio	Dolby Digital 5.1 & Stereo Adjustable Volume & Delay
Stereo Audio Maximum Sample Rate	96kHz

Network

Maximum Bandwidth	850 Mbps
Average Bandwidth	50-300 Mbps
Video Codec	Proprietary AGIC-G1 Visually Lossless
Audio Codec	Proprietary I2S Lossless
Encryption	AES-128 Hardware Based Crypto Engine

UL-718AVP Specifications

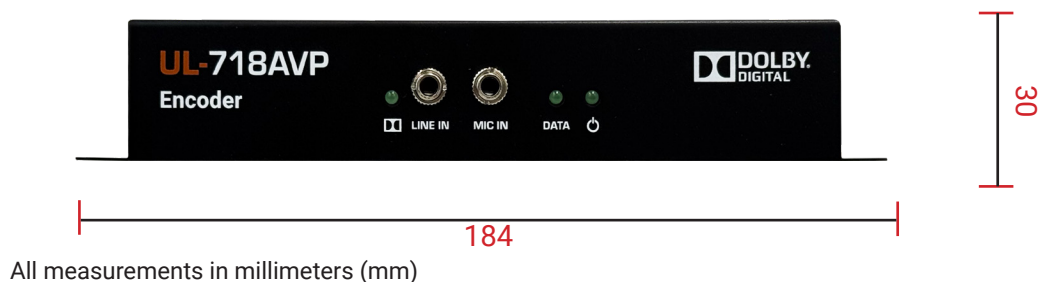
Dimensions	184 x 30 x 126 mm 7.2 x 1.2 x 5.0 inch
Weight	0.50 kg / 1.1 lb
Rear Side Ports	RJ-45 (1Gb Network) HDMI In 3.5mm 2-Way RS232 3.5mm Stereo Out USB Micro 2.0
Front Side Ports	3.5mm Line In 3.5mm Mic In
Power Supply	5V-18V, 10W 5.5mm/2.1mm, positive tip
Operating Temp	0-60 °C / 32-140 °F
Device Type	Encoder
POE	IEEE 802.3af (15.4W) Maximum 10 Watts
Release Date	

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Front of Device:



Back of Device:



Bottom of Device:



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