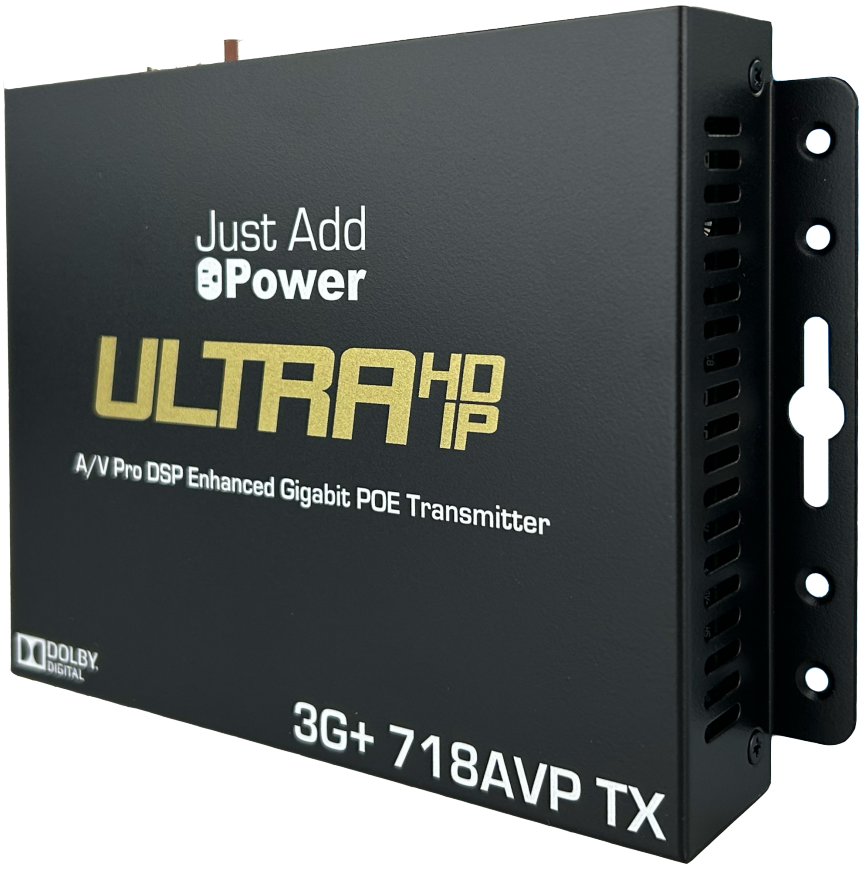
ULTRA Series
UL-718AVP (VBS-HDIP-718AVP)

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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All specifications subject to change without notice.

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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

Image Pull

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

USB (KVM)

USB Standard	USB 2.0
USB Features	Keyboard, Mouse, and Touchscreen Pass-through

Audio

Supported Audio	Dolby Digtial 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:

30

184

All measurements in millimeters (mm)

Back of Device:

30

184

All measurements in millimeters (mm)

Bottom of Device:

126

184

All measurements in millimeters (mm)

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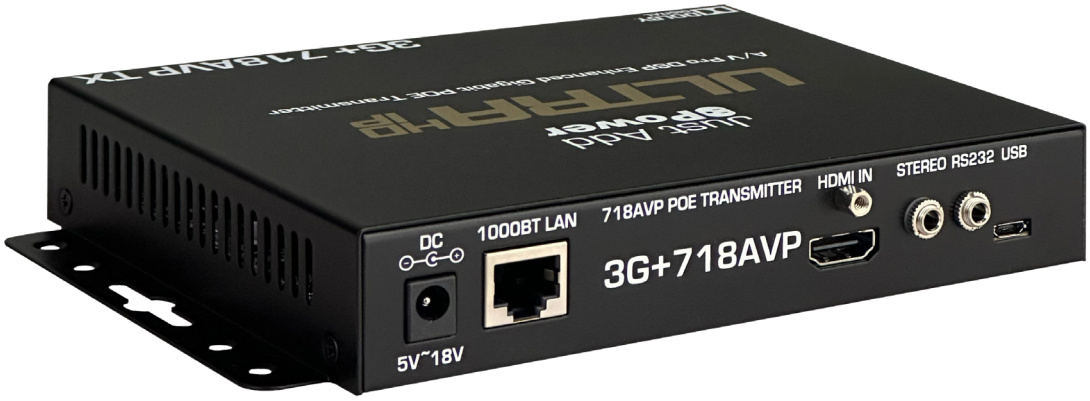
Just Add Power

Need product images for your marketing?

Check out our Sales Partner Resource Page!

www.justaddpower.com/sales-partner-resources/



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