ULTRA Series
UL-767AES (VBS-HDIP-767AES)

Just Add Power
AV over IP Solutions

4K Encoder with AES67 Audio (LPCM up to 8CH)

Send and Receive up to 8-Channels.

The Ultra Series AES767 Encoder features a HDMI loopout that supports AES67 audio systems/integration with any Just Add Power AV distribution system.

Distribute 4K video over a single Cat5e or greater network cable to every zone. Mix and match the 767AES with any Ultra models for interoperability with leading audio-over-IP technologies.

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All specifications subject to change without notice.

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Video

Maximum Input	4096x2160, 60fps, 24-bit color depth, YUV420 4096x2160, 30fps, 36-bit color depth, YUV420 4096x2160, 30fps, 24-bit color depth, YUV444 2560x1440, 60fps 1920x1080, 120fps 1920x1080, 60fps, 36-bit color depth, YUV444
Maximum Output	4096x2160, 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

Audio

Supported Audio	8-channel LPCM
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-767AES Specifications

Dimensions	184 x 30 x 152 mm 7.2 x 1.2 x 6.0 inch
Weight	0.60 kg / 1.3 lb
Rear Side Ports	RJ-45 (1Gb J+P Network) RJ-45 (1Gb AES67 Network) HDMI In HDMI Out 3-pin Euroblock 2-Way RS232 3-pin Euroblock Stereo Out
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	November 2023

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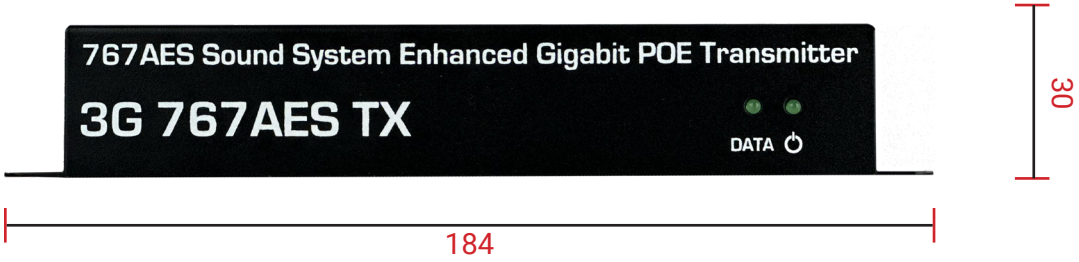
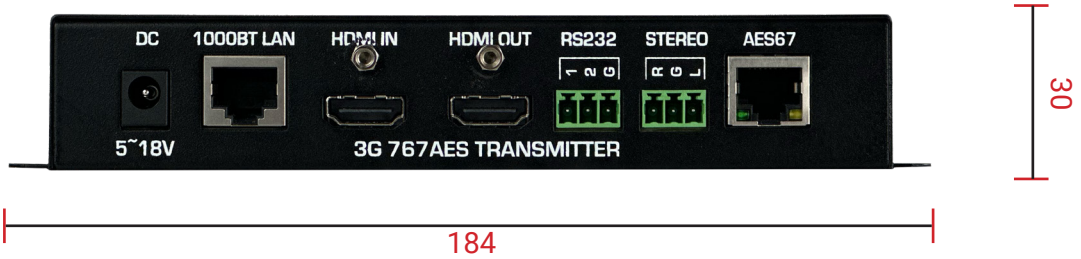
Front of Device:



All measurements in millimeters (mm)

Back of Device:



All measurements in millimeters (mm)

Bottom of Device:

All measurements in millimeters (mm)

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Just Add Power

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