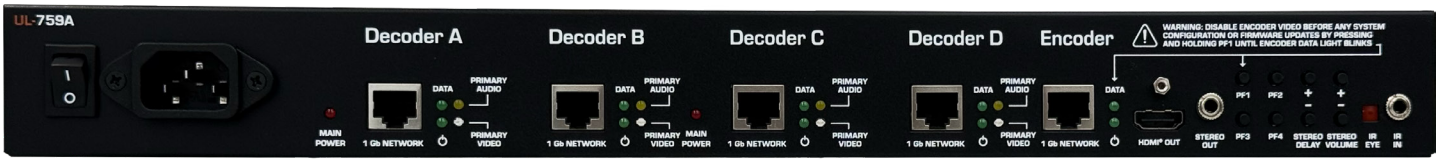
ULTRA Series
UL-759A (VBS-HDIP-759A)

Just Add Power
AV over IP Solutions

4K Video Tiling Encoder



View 4 Sources on 1 Display

The Ultra Series 759A Video Tiler gives any Just Add Power system the ability to mix four video sources from any Encoder and combine those into a new, unique, compiled video source that can be viewed by any Decoder in the matrix.

Tile four (or more) HDMI sources on a single display in a variety of viewing modes: single-screen, video wall, or tiled video at the same time. Like any standalone Decoder, the Decoders in the 759A Video Tiler can watch any source in the system and can then be shown on any display in the system.

Multiple video tilers can be combined to add even more sources on a single display.

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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

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	Stereo Audio Audio Volume and 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-759A Specifications

Dimensions	429 x 44.5 x 250 mm 16.9 x 1.75 x 9.8 inch (19-inch rack, 1 RU)
Weight	3.20 kg / 7.05 lb
Rear Side Ports	5x RJ-45 (1Gb Network) HDMI Out 3.5mm Stereo Out
Power Supply	50W AC IEC 60320 C13/C14
Operating Temp	0-60 °C / 32-140 °F
Device Type	Encoder
POE	POE Only
Video Tiling	Combine 4 inputs into single output
Release Date	July 2017

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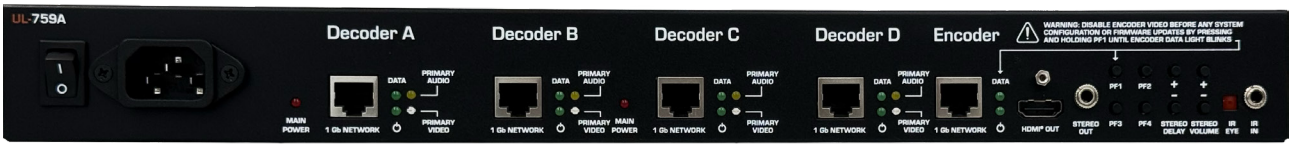
Front of Device:

44.5

429

All measurements in millimeters (mm)

Back of Device:



44.5

429

All measurements in millimeters (mm)

Bottom of Device:

250

429

All measurements in millimeters (mm)

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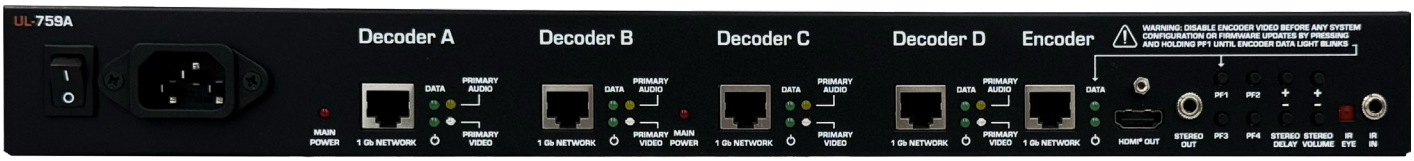
Need product images for your marketing?

Check out our Sales Partner Resource Page!

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



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