Dolby Digital 5.1 Downmix with Stereo Out, USB & VGA Wallplate

The 3G Ultra 718WP4 Wallplate Transmitter fits into a 4-gang construction box and provides multiple video and audio inputs and outputs to any Just Add Power video distribution system.

Distribute Dolby Digital 5.1 audio to every zone and transform to stereo audio for 2-channel zones. Mix-and-match the 3G Ultra 718WP4 Transmiter with any 3G Ultra or 2G Omega models to distribute any source to any zone.
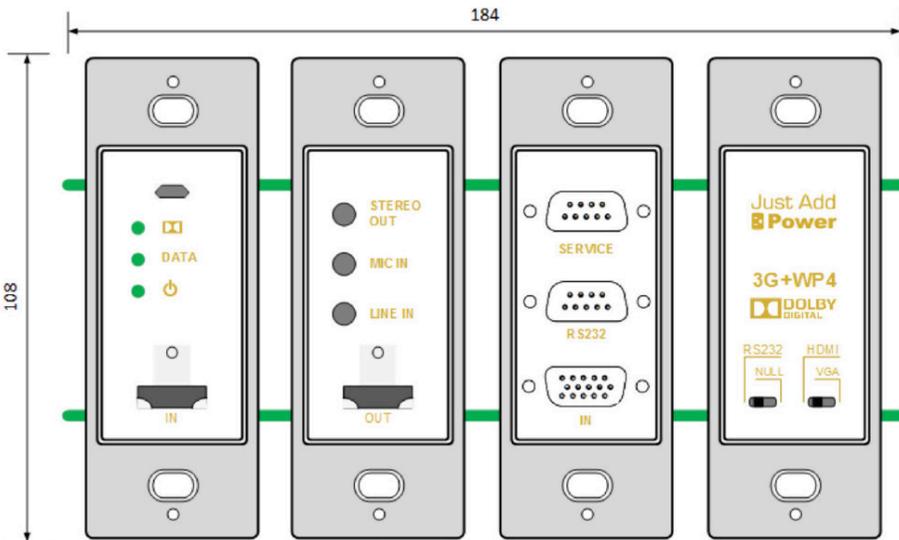
Features

Audio	Dolby 5.1 Downmixing Stereo Audio Output 3.5mm	**KVM Support**	Provide local and remote access to all computers on the system with a built-in keyboard, mouse and touchscreen interface at both ends of a connection
Colors	Black, White or Custom	**Scalability**	Fully compatible with all 3G Ultra and 2G Omega products
HDCP 2.2 Support	Display content with HDCP 2.2 copy/content protection on any HDMI screen in system		

Front of Device:

Side of Device:
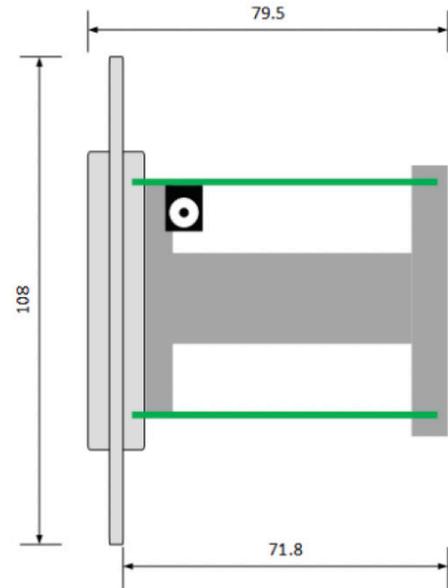
All measurements in millimeters (mm)

Specifications

Bandwidth	180-500 Mbps	**POE**	10 watts maximum
Compliance	HDCP 2.2 RoHS/FCC/CE	**Ports**	Gigabit Ethernet HDMI In HDMI Out 3.5mm Line-In 3.5mm Mic-In 3.5mm Stereo Out DB9F RS232 w/ null modem DB9M Service port Micro-USB 2.0 5.5mm/2.1mm barrel
Dimensions & Weight	108 x 184 x 79.5 mm 4.3" x 7.2" x 3.1" inch 0.27kg / 0.6 lb		
Encryption	Hardware-Based AES 256-bit Encryption of network video signal		
Operating Temp	0-60 °C / 32-140 °F	**Power Supply (not included)**	~4.7-23V 5.5mm/2.1mm, Positive tip
		Supported Resolutions	Up to 4096x2160 (interlaced & progressive)

Specifications

Encoding/Decoding

Video Codec — AGIC-G1 Proprietary Visually Lossless Video Codec

Audio Codec — Proprietary I2S Lossless Audio Codec

Bit Rates — 300 to 850 Mbps

Latency — Ultra-low latency
16ms @ 1080p60 & 720p60
33ms @ 4K30

Streaming Protocols — IP, UDP, TCP, ICMP, IGMP

Copy Protection — HDCP 2.2, AES-128 Encryption

Video

Maximum Resolutions — High Dynamic Range HDR10
4K30 4:4:4 HDR 8-bit
4K30 4:2:0 HDR 12-bit
1080p60 4:4:4 HDR 12-bit

Input Signal Types (Encoder) — HDMI

Output Signal Types — HDMI

Scaler (Decoder) — 720p up to 4K30 with many options inbetween

Audio

Input Signal Types — HDMI, Analog Stereo

Output Signal Types — HDMI, Analog Stereo

Digital Formats — Dolby Atmos, DTS:X, Dolby TrueHD, DTS-HD, Dolby Digital, Dolby Pro Logic, DTS, LPCM up to 8 channels

Analog Formats — Stereo 2-channel up to 96 kHz

Power

Power Consumption — 10 watts maximum during operation
0 watts when idle

Compliance

CE, FCC, RoHS

Communication & Control of External Devices

Ethernet — 1Gb RJ-45 for control and AV

USB — USB 2.0

Serial/RS-232 — Bi-directional control and monitoring

HDMI — CEC, EDID (Transmitter)

Infrared (IR) — Available with add-on

Connectors

LAN — 8-pin female RJ-45 1000Base-T POE (802.3af)

HDMI Input — HDMI Type A female

HDMI Outputs
(Transmitter loopout & Receiver output) — HDMI Type A female

RS232 — 3.5mm female

Stereo Output — 3.5mm female

USB (Receiver) — USB Type-A female (x2)

USB (Transmitter) — Micro-USB female (x1)

Environmental

Cooling — Convection / no fan (no moving parts)

Temperature — 0-60 C / 32-140 F

Heat Dissipation — 34 BTU/hr

Acoustic Noise — 0 dBA