WP-SW2-EN7

Codificador AVoIP Wal Plate de alto rendimiento y altamente escalable 4K60 4:2:0 HDR10 a través de una red 1G

| Ethernet - RJ-45 | 4K/30 UHD | 4K/60 UHD (4:2:0) | 4K/60 UHD (4:4:4)



WP−SW2−EN7/US−D(W) es un codificador de placa de pared avanzado para transmitir señales de video 4K@60Hz (4:2:0) a través de Ethernet sobre cable de cobre

FEATURES

- Transmisor de video - Transmite señales de resolución de hasta 4K@60 Hz (4:2:0) a través de una interfaz de red de 1G
- Soporte de transmisión - Unidifusión y multidifusión
- Entradas Múltiples - Una entrada HDMI y una entrada USB-C, que admiten múltiples políticas de conmutación, incluidas Última conexión, Prioridad y Manualmente
- Audio analógico embebido - Embebe el audio analógico no balanceado en la transmisión y la señal de salida HDMI
- Control conveniente y completo - Controle la unidad usando la interfaz web intuitiva, los comandos API del protocolo 3000 a través de Ethernet o la pantalla LCD del panel frontal y los botones de navegación
- Puerta de enlace de control - A través de P3K o una conexión TCP especial, el usuario puede controlar/comunicarse con RS232, CEC a los dispositivos conectados
- Soporte PoE - Opción de alimentación con conexión PoE desde un switch PoE

TECHNICAL SPECIFICATIONS

Inputs	1 HDMI On a female HDMI connector
	1 USB On a USB−C connector
	1 Audio On a female 3.5mm mini jack
Ports	2 Ethernet On RJ−45 female connectors
	1 RS-232 On a 3−pin terminal block connector
Network	Multicast UDP, IGMP snooping non−blocking, Layer 2
	Unicast UDP
	Bitrate Peak: 850Mbps, 4K average: 350Mbps, 1080p average: 250Mbps
Video	Compression Standard Visually Lossless, proprietary codec
	Max Resolution 4K@30Hz 4:4:4
Video Streaming	Compression: JPEG2K based, proprietary stream
	Max Input Resolution: 4K@30Hz 4:4:4
	Max Output Resolution: 4K@30hz (4:4:4)
	Max End-to-End Resolution: 4K@30hz (4:4:4)
	Scaler: Yes
	End-to-End Latency: 33msec
	Switching Time: 1sec
Resolution	4096x2160@30Hz, 1600x1200@60Hz, 1280x960@60Hz, 848x480@60Hz, 3840x2160@60Hz, 1600x900@60Hz, 1280x800@60Hz, 800x600@60Hz, 1920x1200@50Hz, 1440x900@60Hz, 1280x768@60Hz, 720x576@60Hz, 1920x1080@60Hz, 1400x1050@60Hz, 1280x720@60Hz, 720x480@50Hz, 1856x1392@60Hz, 1366x768@60Hz, 1224x768@70Hz, 640x480@60Hz, 1792x1344@60Hz, 1360x768@60Hz, 1152x864@70Hz, 640x400@85Hz, 1680x1050@60Hz, 1024x768@60Hz, 640x350@85Hz
Audio	Supported Formats LPCM, Dolby and DTS
	LPCM LPCM upto 7.1/24−bit/192kHz
	Dolby Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital EX, Dolby Digital 5.1, Dolby Digital 2/0 Surround, Dolby Digital 2/0
	DTS DTS−HD Master Audio, DTS−HD, DTS−ES Discrete 6.1, DTS−ES Matrix 6.1, DTS Digital Surround 5.1
Security	HTTPS, 802.1x, OWASP−10, AES−128 encryption of AV streaming with changeable key
User Interface	Indicators HDMI, USB and ON LEDs, front panel channel display
	Recessed Buttons CH+, CH− and factory reset button
Power	PoE (Power over Ethernet): 37V to 57V
	Typical Power Consumption 5.04W
	Full Load (including USB-C Charging) Power Consumption 67.68W

	Optional Power Supply: 20V DC, 6A Max
	Consumption when using Optional Power Supply: 68W (with USB−C charging)
Environmental Conditions	Operating Temperature 0° to +45°C (32° to 113°F)
	Storage Temperature −20° to +70°C (−4° to 158°F)
	Humidity 10% to 90%, RHL non−condensing
Regulatory Compliance (Standards Compliance)	Safety CE, FCC
	Environmental RoHs, WEEE
Enclosure	Size 2 Gang
	Type SGCC (galvanized steel) and PC (polycarbonate)
	Cooling Convection Ventilation
Product Dimensions	US: 12.10cm x 4.56cm x 12.10cm (4.76" x 1.80" x 4.76") W, D, H
	UK: 15.10cm x 4.56cm x 8.60cm (5.94" x 1.80" x 3.39") W, D, H
Product Weight	US: 0.4kg (1.0lbs) approx
	UK: 0.4kg (0.9lbs) approx
Shipping Dimensions	US: 20.00cm x 13.70cm x 8.00cm (7.87" x 5.39" x 3.15") W, D, H
	UK: 24.00cm x 13.70cm x 7.50cm (9.45" x 5.39" x 2.95") W, D, H
Shipping Weight	US: 0.7kg (1.5lbs) approx
	UK: 0.7kg (1.4lbs) approx

CONFIGURATIONS

WP-SW2-EN7/US-D(W)	High−performance, highly scalable, AVoIP Wall Plate Encoder for 4K60 4:2:0, HDR10 Typical Power Consumption: 5.04W, Full Load (USB-C Charging) Power Consumption: 67.68W, over 1G Network, with white Decora® Design Frame Sets
WP-SW2-EN7/EU(W)-80/86	80/86(W) High−performance, highly scalable, AVoIP Wall Plate Encoder for 4K60 4:2:0, HDR10, Typical Power Consumption: 5.04W, Full Load (USB-C Charging) Power Consumption: 67.68W, over 1G Network, with EU & UK White Frames

