



WP-DEC7

High-performance, highly-scalable, AVoIP
Wall Plate Decoder for 4K60 4:2:0, HDR10
over 1G network



WP-DEC7US-D(W) is an advanced decoder for streaming 4K@60Hz (4:2:0) video signals via Ethernet over copper cable

FEATURES

Video Streaming Receiver - Streams up to 4K@60Hz (4:2:0) resolution signals over a 1G network interface

HDR - Support HDR10 up to 4K@30Hz 4:2:2 12bits

Streaming Support - Unicast and multicast

Analog Audio De-Embedding Output - Extract the HDMI audio or LAN streaming audio and output it as balanced analog audio

Convenient and Comprehensive Control - Control the unit using intuitive embedded web pages, Protocol 3000 API commands via Ethernet or front panel LCD and buttons

Control Gateway - Through P3K or special TCP connection, user could control/communicate with RS232 and CEC to the connected devices

Video Wall - Up to 16x16 size

PoE Support - Option to power with PoE connection from a PoE switch



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TECHNICAL SPECIFICATIONS

Outputs	1 HDMI On a female HDMI connector
Ports	2 Ethernet: On RJ-45 connectors 1 Balanced Audio: On a 5-pin terminal block connector 1 RS-232: On a 3-pin terminal block connector
Video	Compression Standard: JPEG based, private stream Max Resolution: 4K@60Hz (4:2:0)
User Interface	Indicators: HDMI and ON LEDs, front panel LCD Display Recessed Buttons CH+/CH- and factory reset Controls: Embedded web pages, P3K API commands via Ethernet
Power	Consumption: 12V DC, 280mA Source: 20V DC, 1A (optional, purchased separately)
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: Metal (SGCC) Cooling: Convection ventilation
General	Net Dimensions (W, D, H) US: 12.1cm x 4.56cm x 12.1cm (4.8" x 1.8" x 4.8") EU, UK: 15.1cm x 4.56cm x 8.6cm (5.9" x 1.8" x 3.4") Shipping Dimensions (W, D, H) US: 20cm x 13.7cm x 7.5cm (7.9" x 5.4" x 2.95") EU, UK: 23.8cm x 13.7cm x 7.5cm (9.4" x 5.4" x 2.95") Net Weight US, EU, UK: 0.4kg (0.9lbs) approx Shipping Weight US: 0.6kg (1.3lbs) approx. EU, UK: 0.65kg (1.4lbs)approx
Product Dimensions	US: 12.10cm x 5.10cm x 12.10cm (4.76" x 2.01" x 4.76") W, D, H UK: 15.10cm x 4.00cm x 8.60cm (5.94" x 1.57" x 3.39") W, D, H
Product Weight	US: 0.4kg (0.9lbs) approx UK: 0.4kg (0.9lbs) approx
Shipping Dimensions	US: 20.00cm x 13.70cm x 7.50cm (7.87" x 5.39" x 2.95") W, D, H UK: 23.80cm x 13.70cm x 7.50cm (9.37" x 5.39" x 2.95") W, D, H

Shipping Weight

US: 0.6kg (1.3lbs) approx

UK: 0.7kg (1.4lbs) approx





CONFIGURATIONS

WP-DEC7/US-D(W) High-performance, highly scalable, AVoIP Wall Plate Decoder for 4K60 4:2:0, HDR10 over 1G Network, with white Decora® Design Frame Sets

WP-DEC7/EU(W)-80/86 80/86(W) High-performance, highly scalable, AVoIP Wall Plate Decoder for 4K60 4:2:0, HDR10 over 1G Network, with EU & UK White Frames

