WP-5VH2

Active Wall Plate − 4K UHD HDMI & Computer Graphics with Ethernet, Bidirectional RS−232 & Stereo Audio HDBaseT Transmitter

The WP−5VH2 4K UHD HDBaseT active wall plate auto switcher is the first of its kind to offer UHD (4:2:0) resolution with EDID management, HDMI, VGA, analog audio, and HDMI audio embedding and de−embedding.

This product offers the versatility of a fully−featured auto−switcher with the convenience and simplicity of a wall plate. The WP−5VH2 is easy to configure, can be powered remotely over Ethernet (PoE) and is designed for any size room.

FEATURES

- **Resolution Support** - Up to UHD (4:2:0).
- **Max. Data Rate** - 10.2Gbps (3.4Gbps per graphic channel).
- **HDTV Compatible.**
- **HDCP Compliant** - Works with sources that support HDCP repeater mode.
- **HDMI Support** - Deep Color, x.v.Color™ and 3D.
- **Automatic Live Input Detection** - Based on video clock presence.
- **Automatic Input Selection** - Based on manual selection or last connected input.
- **Automatic Analog Audio Detection & Embedding.**
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances.
- **Range** - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC−HDKat6a cables.
- **Lockable EDID.**
- **Flexible Control Options** - Via Kramer Protocol 3000 and embedded Web pages over RS−232.
- **Digital Audio Format Support.**

TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI on an HDMI connector, 1 VGA on a 15−pin HD (F) connector, 1 unbalanced stereo audio on a 3.5mm mini jack.
OUTPUTS:	1 HDBaseT on an RJ−45, 1 unbalanced stereo audio on a 3.5mm mini jack.
PORTS:	1 Ethernet on an RJ−45 connector, 1 RS−232 3−pin terminal block.
CONTROLS:	Remote switches for input switching and volume control, reset switch.
STANDARDS:	HDMI with Deep Color, x.v.Color™ and 3D; HDCP works with sources that support HDCP repeater mode; HDBT certified.
MAXIMUM TRANSMISSION DISTANCE:	180m (590ft) up to 1080p @60Hz @24bpp in extended mode, 130m (430ft) up to 1080p @60 @36bpp in normal mode.
POWER CONSUMPTION:	12V DC, 820mA.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	−40° to +70°C (−40° to 158°F).
HUMIDITY:	10% to 90%, RHL non−condensing.
COOLING:	Convection, vents.
ENCLOSURE TYPE:	Aluminium.
DIMENSIONS:	11.4cm x 3.8cm x 11.4cm (4.5" x 1.49" x 4.5) W, D, H.
WEIGHT:	0.39kg (0.86lbs) approx.
SHIPPING WEIGHT:	0.68kg (1.5lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power adapter.
WARRANTY:	7 years parts and labor.

CONFIGURATIONS

WP-5VH2-BLNK	WP-5VH2 Blank Panel - Black
WP-5VH2-BLNK	WP-5VH2 Blank Panel - White