



## WP-20

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



The WP-20 is an 4K ultra-HD HDBaseT active wall plate auto switcher for HDMI, VGA and analog audio signals that supports 4K UHD resolution. The device has EDID management, various control options and audio embedding. The unit is a fully-featured auto-switcher with the convenience and simplicity of a wall plate. The WP-20 is easy to configure, can be powered remotely over Ethernet (PoE) and is designed for any size room.

## FEATURES

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel) with 4K ultra-HD support.
- 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, Ethernet and embedded Web pages over RS-232.
- Digital Audio Format Support.

TECHNICAL SPECIFICATIONS

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INPUTS:	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:	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:	With wall plate: 11.6cm x 5.1cm x 11.4cm (4.6" x 2.0" x 4.5") W, D, H. Without wall plate: 9.0cm x 4.1cm x 8.0cm (3.5" x 1.61" x 3.15") 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).
SAFETY REGULATORY COMPLIANCE:	CE, C-UL, UL.
EMI/EMC REGULATORY COMPLIANCE:	CE, C-tick, FCC Class A, ICES, KCC, VCCI.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power adapter.
WARRANTY:	7 years parts and labor.

CONFIGURATIONS

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WP-20-BLNK(W)	WP-20 Blank Panel - Black
WP-20-BLNK(B)	WP-20 Blank Panel - White