KRAMER

WP-20

4K60 4:2:0 HDMI & VGA Wall-Plate Auto Switcher and PoE Acceptor over HDBaseT with Maestro Room Automation

| VGA/UXGA - 15-pin HD | HDMI | Ethernet - RJ-45 | HDCP Compliant | HDBaseT | 4K/60 UHD (4:2:0)

WP-20 is a 4K UHD, HDBaseT active wall plate with step-in auto switcher for HDMI, VGA and analog audio signals that supports resolutions up to 4K@60Hz (4:2:0). The device has EDID management, easy control options and audio embedding. The unit is a fully-featured step-in auto-switcher with the convenience and simplicity of a wall plate. Designed for deployment in any size room, the WP-20 is easy to install with browser-based configuration and single PoE cable for Ethernet connectivity and powering

FEATURES

Simple and Powerful Maestro Room Automation - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations

Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)

Max. Resolution - 4K@60Hz (4:2:0) and WUXGA

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

EDID Pass–through - Pass–through algorithm ensures Plug and Play operation for HDMI source and display 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-UNIKAT cables

Lockable EDID

Flexible Control Options - Via Kramer Protocol 3000, Ethernet and embedded Web pages over RS-232

Digital Audio Format Support

Mounting Option - For wall mounting, use Kramer's OWB-2G

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 connector, 1 unbalanced stereo audio on a 3.5mm mini jack
PORTS:	1 RS-232 3-pin terminal block, 1 Ethernet on an RJ-45 connector
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 ANALOG AUDIO LEVEL:	3.1Vpp
THD:	0.013%
SNR:	−70dB
Room Automation	Kramer Maestro V1.0
SUPPORTED WEB BROWSERS:	Windows 7 and higher: Internet Explorer (32/64 bit) version 11, Firefox version 30, Chrome version 35; MAC: Chrome version 35, Firefox version 27, Safari version 7
MAXIMUM TRANSMISSION DISTANCE:	180m (590ft) up to 1080p @60Hz @24bpp in extended mode, 130m (430ft) up to 1080p @60Hz @36bpp in normal mode
POWER CONSUMPTION:	12V DC, 850mA
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
ENCLOSURE TYPE:	Aluminum
ENVIRONMENTAL REGULATORY COMPLIANCE:	RoHs and WEEE
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
COMPLIANCE STANDARDS:	CE
INCLUDED ACCESSORIES:	Power adapter
OPTIONS:	Faceplates: WP-20-BLNK(W) P/N 68-80371099, WP-20-BLNK(B) P/N 68-80371199
WARRANTY:	7 years parts and labor
Product Dimension	US: 11.59cm x 5.10cm x 11.43cm (4.56" x 2.01" x 4.50") W, D, H
	UK: 15.10cm x 4.00cm x 8.60cm (5.94" x 1.57" x 3.39") W, D, H
	EU: 15.10cm x 4.00cm x 8.00cm (5.94" x 1.57" x 3.15") W, D, H
Product Weight	US: 0.2kg (0.5lbs) approx
	UK: 0.3kg (0.6lbs) approx

EU: 0.3kg (0.6lbs) approx

Shipping Dimension	US: 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94") W, D, H
	UK: 25.60cm x 11.80cm x 11.40cm (10.08" x 4.65" x 4.49") W, D, H
	EU: 25.60cm x 11.80cm x 11.40cm (10.08" x 4.65" x 4.49") W, D, H
Shipping Weight	US: 0.5kg (1.1lbs) approx
	UK: 0.9kg (1.9lbs) approx
	EU: 0.9kg (1.9lbs) approx

CONFIGURATIONS

WP-20/US(W)	US-D-size WP-20, with white 2-gang DECORA® design frame, white HDMI/Ethernet & PC/audio front connection plates, PSU + power cord, white US screw set, screwdriver
WP-20/US(B)	US-D-size WP-20, with black 2-gang DECORA® design frame, black HDMI/Ethernet & PC/audio front connection plates, PSU + power cord, black US screw set, screwdriver
WP-20/EU(W)-80	EU-size WP-20, with white 2-gang EU design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, white EU screw set, screwdriver
WP-20/EU(B)-80	EU-size WP-20, with black 2-gang EU design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, black EU screw set, screwdriver
WP-20/EU(G)-80	EU-size WP-20, with gray 2-gang EU design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, gray EU screw set, screwdriver
WP-20/EU(W)-86	UK-size WP-20, with white 2-gang UK design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, white EU screw set, screwdriver
WP-20/EU(B)-86	UK-size WP-20, with black 2-gang UK design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, black EU screw set, screwdriver
WP-20/EU(G)-86	UK-size WP-20, with gray 2-gang UK design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, gray EU screw set, screwdriver
WP-20/JP(W)	Japan-size WP-20, with white 2-gang DECORA® design frame, white HDMI/Ethernet & PC/audio front connection plates, PSU + Japan power cord, white US screw set, screwdriver
WP-20/JP(B)	Japan-size WP-20, with black 2-gang DECORA® design frame, black HDMI/Ethernet & PC/audio front connection plates, PSU + Japan power cord, black US screw set, screwdriver