WP-20

4K60 4:2:0 HDMI & VGA StepIn PoE
WallPlate Transmitter with Ethernet, RS232
& Stereo Audio over ExtendedReach
HDBaseT

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

WP20 is a 4K UHD, HDBaseT active wall plate with stepin 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 fullyfeatured stepin autoswitcher with the convenience and simplicity of a wall plate. Designed for deployment in any size room, the WP20 is easy to install with browserbased configuration and single PoE cable for Ethernet connectivity and powering

FEATURES

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

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 BCUNIKAT cables

Lockable EDID

Flexible Control Options - Via Kramer Protocol 3000, Ethernet and embedded Web pages over RS232

Digital Audio Format Support

Mounting Option - For wall mounting, use Kramer's OWB2G

TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI on an HDMI connector, 1 VGA on a 15pin HD (F) connector, 1 unbalanced stereo audio on a 3.5mm mini jack
OUTPUTS:	1 HDBaseT on an RJ45 connector, 1 unbalanced stereo audio on a 3.5mm mini jack
PORTS:	1 RS232 3pin terminal block, 1 Ethernet on an RJ45 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
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
PRODUCT DIMENSION:	4.00cm x 1.00cm x 7.50cm (1.57" x 0.39" x 2.95") W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx
SHIPPING DIMENSION:	10.50cm x 6.50cm x 6.00cm (4.13" x 2.56" x 2.36") W, D, H
SHIPPING WEIGHT:	0.1kg (0.1lbs) approx
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 noncondensing
COOLING:	Convection
ENCLOSURE TYPE:	Aluminium
ENVIRONMENTAL REGULATORY COMPLIANCE:	RoHs and WEEE
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
COMPLIANCE STANDARDS:	CE
INCLUDED ACCESSORIES:	Power adapter
OPTIONS:	Faceplates: WP20BLNK(W) P/N 6880371099, WP20BLNK(B) P/N 6880371199
WARRANTY:	7 years parts and labor

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/JP(W)	US-D-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/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/JP(B)	US-D-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
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-BLNK(W)	US-D-size white HDMI-only (no Ethernet) front connection plate
WP-20-BLNK(B)	US-D-size black HDMI-only (no Ethernet) front connection plate
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/EU(BAL)-86	UK-size WP-20, with brushed aluminum 2-gang UK design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, brushed aluminum EU 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(BAL)-80	EU-size WP-20, with brushed aluminum 2-gang EU design frame with HDMI/Ethernet & PC/audio connections, PSU + power cord, brushed aluminum EU screw set, screwdriver