



KRAMER

WP-20

Plaque murale active - Emetteur HDMI 4K UHD & VGA avec Ethernet, RS-232 bidirectionnelle & Audio stéréo sur HDBaseT

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



Le WP-20 est un émetteur HDMI 4K UHD & VGA avec Ethernet, RS-232 bidirectionnelle & Audio stéréo sur HDBaseT. Cette platine murale prend en charge des résolutions allant jusqu'à 4K@60Hz (4:2:0). Elle dispose d'une gestion EDID, diverses options de contrôle et intègre l'audio. La WP-20 est facile à configurer, peut être alimenté à distance sur Ethernet (PoE)

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

High Performance Switcher Transmitter - Professional HDBaseT Switcher transmitter for providing extended-reach signals over twisted pair copper infrastructures. This switcher transmitter is a standard transmitter that can be connected to any market-available HDBaseT-compliant extension product

BYOD Plug & Play Auto Switcher - Automatically plays the switched user device source signal on the connected display according to user-configured preferences, such as priority or last-connected input. When the user manually switches, by pressing a button, the auto switching is overridden

Simple Switching Operation - Local buttons or remotely connected contact-closure buttons for flexible user input selection and switching control

HDMI™ Signal Switching - HDCP compliant, supporting deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing, locking and pass-through algorithm ensures plug & play operation for HDMI source and display systems

Multi-channel Audio Switching - Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound

Audio Embedding - An auto-detected analog stereo audio input, per user selection, is converted into a digital signal and embedded in the output HDMI signal, replacing the source HDMI audio input signal. This enables, for example, a presenter to temporarily override the playing source audio with speech description

Audio De-embedding - The digital audio signal passing-through to the output, is de-embedded, converted to an analog signal and sent to the stereo analog audio output. This enables playing the audio on locally connected speakers, in parallel to playing it on the speakers connected to the AV acceptor device (such as TVs with speakers)

Ethernet Extension - Ethernet interface data flows in both directions, allowing extension of up to 100Mbps Ethernet connectivity for LAN communication and device control

Bidirectional RS-232 Extension - Serial interface data flows in both directions, allowing data transmission and device control

Reliable PoE (Power over Ethernet) Powering - Auto-senses the extension line PoE status, it accepts power from a remote PoE provider such as a PoE matrix, with optional mains powering from connected power adapter

Cost-effective Maintenance - Status LED indicators for HDMI, VGA and HDBT ports facilitate easy local maintenance and troubleshooting. Remote IP-driven device management via built-in web pages and RS-232 connection. Local and remote firmware upgrade via RS-232 or Ethernet connection tool ensure lasting, field-proven deployment

Easy Installation - Compactly fits into standard US, EU and UK 2-gang in-wall box size, supporting decorative integration with room deployed user interfaces such as electrical switches. Wall-plate installation is fast and cost-effective via a single twisted pair cable, providing both video signal and power (PoE) connections



TECHNICAL SPECIFICATIONS

Entrées	1 HDMI: On HDMI connectors 1 VGA: On a 15-pin HD (F) connector 1 Unbalanced Stereo Audio 1V RMS (nominal): On a 3.5mm jack
Sorties	1 HDBaseT: On an RJ-45 connector 1 Unbalanced Stereo Audio 1V RMS (nominal): On a 3.5mm jack
Ports	1 RS-232: On a 3-pin terminal block for serial link extension 1 RS-232: On a 3-pin terminal block for device serial control 1 100BaseT Ethernet: On an RJ-45 connector 4 Contact-Closure Switches: On a 5-pin terminal block for remote device operation
Video	Max. Data Rate: 10.2Gbps (3.4Gbps per graphic channel) Max. Resolution: 4K@60Hz (4:2:0) 24bpp resolution HDMI Support: Deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS HD, 2K, 4K, and 3D as specified in HDMI 2.0 Compliance: HDCP 1.4
Extension	Up to 100m (330ft): At 4K@60Hz (4:2:0) Up to 130m (430ft): At full HD (1080p @60Hz 36bpp) Up to 180m (590ft): At HDBaseT ultra mode and full HD (1080p @60Hz 24bpp) Note: When using Kramer HDBaseT cables Compliance: HDBaseT 1.0
Audio	Max. Level: 3.1 Vpp THD: 0.013% SNR: -70dB
Extended Ethernet	Line rate bandwidth: Up to 100Mbps
Extended RS-232	Baud rate: 300 to 115200
Alimentation	Source: 12V DC 2A, PoE Consumption: 850mA
Conditions Environnementales	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
Boitier	Cooling: Convection Type: Aluminum Size: 2 Gang
REGLEMENTATION	Environmental: RoHs, WEEE, and CE
Accessoires	Included: Power adapter
DIMENSIONS	US: 11.59cm x 5.10cm x 11.43cm (4.56" x 2.01" x 4.50") W, D, H

PRODUIT

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

POIDS PRODUIT

US: 0.2kg (0.5lbs) approx

UK: 0.3kg (0.6lbs) approx

EU: 0.3kg (0.6lbs) approx

DIMENSIONS
CONDITIONNEMENT

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

POIDS
CONDITIONNEMENT

US: 0.5kg (1.1lbs) approx

UK: 0.9kg (1.9lbs) approx

EU: 0.9kg (1.9lbs) approx



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CONFIGURATIONS

WP-20/US(W)	US-D-size WP-20 with white 2-gang DECORA® frame, faceplate set, power adapter and US power cord
WP-20/US(B)	US-D-size WP-20 with black 2-gang DECORA® frame, faceplate set, power adapter and US power cord
WP-20/EU(W)-80	EU-size WP-20 with white 2-gang frame, faceplate set, power adapter and EU power cord
WP-20/EU(B)-80	EU-size WP-20 with black 2-gang frame, faceplate set, power adapter and EU power cord
WP-20/EU(G)-80	EU-size WP-20 with gray 2-gang frame, faceplate set, power adapter and EU power cord
WP-20/EU(W)-86	UK-size WP-20 with white 2-gang frame, faceplate set, power adapter and EU power cord
WP-20/EU(B)-86	UK-size WP-20 with black 2-gang frame, faceplate set, power adapter and EU power cord
WP-20/JP(W)	US-D-size WP-20 with white 2-gang DECORA® frame, faceplate set, power adapter and Japan power cord
WP-20/JP(B)	US-D-size WP-20 with black 2-gang DECORA® frame, faceplate set, power adapter and Japan power cord

