

4K HDMI & VGA Wall Plate Transmitter Over HDBaseT™

Auto Switch, Extend & Control HDMI & Analog video signals up to 230 feet (70m)

MPN: WP-HDBASETX



The **KanexPro WP-HDBASETX** is a compact 2-input transmitter for sending HDMI or 15-pin HD analog video, audio and control up to 230 feet (70m) over a shielded CAT6. This Décora style 2-gang wall plate also supports PoE (power over Ethernet) to the receiver.

Based on HDBaseT™ technology, this wall plate extender is HDCP and EDID compliant ensuring proper output to displays.

Applications:

Ideally used in classrooms, lecture halls, boardrooms, where HDMI and/ or analog VGA based source devices are combined to present high-resolution signals up to 4K.

FEATURES

- Built in scaling function for HDMI with output resolutions up to 4K
- HDMI or VGA with audio input selectable.
- Auto switching or manual button control between inputs and RS232 controllable.
- Transmits HDMI or analog video, control, and analog audio up to 200 feet (70 meters) over a shielded CAT6 cable
- Auto-switching between inputs
- Supports computer and video resolutions up to 1920x1200, including 1080p/60 and 4K
- Remote power supporting PoE
- HDCP & EDID compliant
- RS-232 for control
- Supports high bandwidth up to 10.2 Gbps
- Locking HDMI connector
- High grade aluminum design for commercial grade applications
- Backed by KanexPro 3-Year Parts and Labor Warranty

SPECIFICATIONS

Transmitter:

Input Signal

- 1 x HDMI (female), 1x VGA(female),
- 1x Audio (3.5mm Mini jack)

Input Connector

- 1 x HDMI, 1x VGA, 1 x 3.5 mm mini-jack and
- 1 x RS-232 Connector

HDMI Video Signal: HDMI 1.4

Audio:

- Digital audio transmitted through HDMI audio & VGA thru 3.5mm Stereo Jack

Output Signal: 1 x HDBaseT

Output Connector: 1 x RJ-45

Resolution Supported:

- VGA outputs resolution up to: 1080p
- 800x600 to 1920x1200
- 3D formats
- 4K x 2K for HDMI

Transmission Mode: HDBaseT® Lite Technology

General:

Resolution Range:

- From 800x600 - 1920x1200, 4K

Transmission Distance:

Maximum Distance: 197 feet (60 Meters)

Gain: 0dB ~ 10dB@100MHz

Differential Phase Error:

- 310° @ 135MHz_100M

SNR: >70dB@ 100MHz-100M

Bandwidth: 10.2Gbps

Return Loss: <-30dB@5KHz

THD: <0.005%@1KHz

Min. -Max. Level: <0.3V ~ 1.45Vp-p

Impedance: 75ff

Temperature: -20 ~ +60°

Humidity: 10% ~ 90%

Power Supply: 24V DC

Power Consumption: 9.6 Watts

Unit Dimension: W.H.D: 104.5 x 89 x 44 mm

Net Weight: 1.76 lbs (0.8Kg)

Chassis Dimension:

Universal Decora Style 2-Gang Wall plate

DIAGRAM

