2-Gang HDMI & VGA HDBaseT Wall Plate Transmitter with Scaler, RS-232 & PoH

Extend 4K HDMI or VGA Signals up to 230 ft over a Single CAT6 Cable with Auto-Switching & Built-In VGA Scaler

MPN: WP-HDBASETX

The KanexPro **WP-HDBASETX** is a 2-gang Decora-style HDBaseT wall plate transmitter for mixed HDMI and legacy VGA environments. Accepting one HDMI 1.4 and one VGA + 3.5mm audio input, it automatically selects the active source and extends the signal up to 230 feet over a single shielded CAT6 cable to a compatible HDBaseT receiver (sold separately). A built-in VGA scaler matches the VGA input to the display's native resolution.

Purpose-built for classrooms, lecture halls, and boardrooms where both modern HDMI laptops and legacy VGA workstations must connect to the same display, the WP-HDBASETX supports PoH so the transmitter can be powered remotely from the receiver. RS-232 bidirectional control enables full integration with room control systems. A locking HDMI connector prevents accidental disconnection. Matte anodized aluminum 2-gang form factor. FCC Class A certified.

VGA Scaler	**HDMI + VGA**	**RS-232**	**PoH**	**FCC Class A**
Built-In	Dual Input	Full Cmd Set	No local AC	Certified

KEY FEATURES

- HDBaseT Alliance certified — 2-gang Decora aluminum form factor
- HDMI 1.4 + VGA + 3.5mm audio inputs, auto-switching
- Built-in VGA scaler — auto-matches source to display native resolution
- Extends up to 230ft/70m (1080p) or 130ft/40m (4K) over single CAT6
- PoH from receiver — no local AC at wall plate
- Locking HDMI connector prevents accidental disconnection
- RS-232 bidirectional control — full command set
- EDID management: bypass, 1080p, 1080i, 4K, Dolby 5.1, 3D modes
- HDCP configurable via RS-232 (Active, On, Off)
- FCC Class A certified

SPECIFICATIONS

HDMI Standard	HDMI 1.4, HDCP compliant
Bandwidth	10.2Gbps
Resolution — HDMI	Up to 4K×2K
Resolution — VGA	Up to 1920×1200@60Hz (scaler output to 1920×1080)
Extension Distance	1080p: 230ft/70m with PoH • 4K: 130ft/40m with PoH
VGA Scaler	Built-in — auto-matches VGA to display native resolution
Control	RS-232 bidirectional (Baud 9600, 8/1/N)
EDID Modes	Bypass, 1080p PCM 2.0, 1080p Dolby 5.1, 1080p 3D, 1080i, 4K PCM
Power	12VDC 2A (PoH from receiver) • 9.6W max
Certifications	FCC Class A
Dimensions	4.11″×3.50″×1.73″ (104.5×89×44mm) • 0.52 lbs (238g)

PACKAGE CONTENTS

1× 4K Wallplate HDBaseT Transmitter • 4× Mounting Screws • 1× 2-pin Terminal Block • 1× 4-pin Terminal Block • 1× Top Cover • 1× User Manual