

2x1 HDMI & USB-C HDBaseT Wall Plate Extender Kit — 50 Meters






Extend 4K/60 HDMI or USB-C Sources up to 164 ft over a Single CAT5e/6 Cable with Auto-Switching & POE

MPN: WP-EXTHDTC50



The KanexPro **WP-EXTHDTC50** is a 2x1 HDMI and USB-C HDBaseT wall plate extender kit for conference rooms, classrooms, and presentation spaces that need clean 4K/60Hz signal routing without local power at the source. The single-gang Decora-style transmitter accepts HDMI 2.0b or USB-C sources and transmits over a single CAT5e/6 cable. Supports 4K@24 up to 50m and 4K@60Hz 4:4:4 up to 35m.

Built for integrators who need a reliable, cost-effective BYOD connection point, the WP-EXTHDTC50 includes POC so the wall plate transmitter requires no local AC power. An IR input on the receiver extends display control back to the source. Auto-switching prioritizes HDMI; manual source selection via front-panel button. Includes interchangeable white and black faceplates. 3-year KanexPro warranty.

 4K/60 4:4:4 50M Range	 Dolby Vision HDR10	 POC No local AC	 Auto-Switch HDMI Priority	 18Gbps HDMI 2.0b
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KEY FEATURES

- Compliant with HDMI 2.0b, HDCP 2.2 and DisplayPort 1.2a
- HDMI: 18Gbps • USB-C: 5.4Gbps bandwidth
- 4K2K@60Hz 4:4:4 — up to 50m at 4K@24, 35m at 4K@60
- HDR10, Dolby Vision
- LPCM, Dolby Digital/Plus, Dolby TrueHD, DTS-HD Master Audio, DSD
- POC from Receiver — no local outlet at wall plate
- IR IN on receiver for display control passback
- Auto-switching — HDMI priority
- USB-C charging port on transmitter
- Interchangeable black/white faceplates

SPECIFICATIONS

HDCP / HDMI	HDMI 2.0b, HDCP 2.2, DisplayPort 1.2a
Video Bandwidth	HDMI: 18Gbps • USB-C: 5.4Gbps
Max Resolution	4K2K@60Hz 4:4:4
Extension Distance	4K@24: 164ft/50m • 4K@60: 115ft/35m over CAT5e/6
HDR	HDR10, Dolby Vision
Audio Formats	LPCM, Dolby Digital/Plus, Dolby TrueHD, DTS, DTS-HD Master Audio, DSD
TX Inputs	1x HDMI Type A, 1x USB-C
RX Outputs	1x HDMI OUT • 1x IR IN • DC 12V/1A
Power	POC from Receiver to TX (TX: 3W, RX: 3.72W; RX supply included)
Dimensions — TX	1.31"×2.59"×2.70" (33.3×65.7×68.7mm)
Dimensions — RX	3.46"×2.40"×0.71" (88×61×18mm)

PACKAGE CONTENTS

1x Wall Plate Transmitter • 1x 50M Extender Receiver • 1x 12V/1A Power Supply (intl. plugs) • 1x User Manual



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sales@kanexpro.com | www.kanexpro.com