

2x1 HDMI & USB-C HDBaseT Wall Plate Extender Kit with KVM

Extend 4K/60 Sources up to 70 Meters over a Single CAT6 Cable — Auto-Switching, USB 2.0 KVM & POE

MPN: WP-EXTHDTC70



1 PRODUCT OVERVIEW

DESIGNED FOR

Corporate AV integrators and system engineers specifying BYOD conference rooms, hybrid classrooms, and boardrooms with mixed HDMI and USB-C device environments.

THE CHALLENGE

Most BYOD wall plates require separate USB extension, a local power outlet, and an HDMI cable to the display — creating cable clutter, installation complexity, and ongoing support issues in managed rooms.

THE KANEXPRO ADVANTAGE

WP-EXTHDTC70 combines 4K/60Hz 4:4:4 HDBaseT extension, USB 2.0 KVM, POE from receiver, and auto-switching HDMI/USB-C into a single-gang Decora wall plate — eliminating all three pain points over one CAT6 cable.

2 PRODUCT POSITIONING

WP-EXTHDTC70 is the BYOD wall plate extender for corporate AV integrators who need 4K/60Hz extension with USB 2.0 KVM from a single-gang wall plate without running separate USB or power cables.

3 SALES ANALYSIS

CHANNEL FIT

Two-tier distribution (AV distributors → integrators) and direct to CEDIA integrators. Also suited for IT VAR channel in corporate AV applications.

DEAL SIZE & SALES CYCLE

\$1,200–\$6,000 per room (multiple units for conference buildouts). Single-unit deals in \$700–\$900 range with distributor margin. • 2–8 weeks for corporate buildouts. 1–2 weeks for single-room add-ons.

COMMON OBJECTIONS

1. 'Atlona is an approved vendor' — respond with KVM + pricing advantage. 2. 'We already have USB extension' — KVM on receiver eliminates separate USB extender SKU. 3. 'Cable requirement' — CAT6 is standard structured cabling, already in most buildings.

WIN / LOSS THEMES

Win: rooms needing KVM at a competitive price point. Loss: projects with existing Atlona infrastructure or requiring PoE from transmitter side.

TOP USE CASES TO CLOSE

- 1 Corporate BYOD conference rooms with touch displays or Teams-certified hardware requiring USB pass-through from display to laptop.
- 2 K–12 hybrid classrooms with interactive flat panels.

4 APPLICATIONS



BYOD Conference Rooms

MacBook or Windows laptop connects via USB-C or HDMI at the table. KVM extends USB 2.0 peripherals — keyboard, touchscreen — over the same CAT6 run.



Hybrid Classrooms

Instructor connects at the podium. Signal extends up to 70m to the IFP. KVM enables interactive display control from source position.



Huddle Spaces

Single-gang form factor with no local AC required. POE from receiver powers the wall plate — clean installs in furniture and in-wall boxes.



Courtrooms

4K/60Hz 4:4:4 delivers crisp document clarity for evidence presentation. HDR10 for high-contrast video.



Boardrooms

Auto-switching handles source detection. Interchangeable black/white faceplates match any specification.



Unified Comms Rooms

USB 2.0 KVM extends camera, speakerphone, and touch interface for Zoom Rooms, Teams Rooms, and Cisco Webex deployments.

5 WHO THIS IS FOR

Corporate AV Integrator

AV Consultant

IT AV Manager

Systems Engineer

AV Distributor

Ideal User

Senior AV integrator or systems engineer at a CEDIA-registered firm, typically managing 5–50 conference room deployments per year for corporate clients.

Project Types

Corporate AV, K–12 education, higher education, government conference facilities.

Typical Buyer

AV consultant or IT AV manager. Budget authority typically with IT Director or Facilities Manager for larger deployments.

6 KANEXPRO PRODUCT COMPARISON

This table compares WP-EXTHDTC70 to other KanexPro wall plate extenders to help position the right SKU for each project.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
WP-EXTHDTC70	Extenders / Wall Plates	HDMI + USB-C input, 70m	This product. Adds KVM (USB 2.0 extension) and 70m range. Best for rooms needing USB peripheral extension.
WP-EXTHDTC50	Extenders / Wall Plates	HDMI + USB-C input, 50m	Same input types, shorter range (50m), no KVM. Lower cost. Best when USB extension is not required.
WP-EXTHDMDP50	Extenders / Wall Plates	HDMI + mDP input, 50m	Replaces USB-C with Mini DisplayPort. Best for legacy Mac/Surface/workstation environments.
WP-EXTHDBTKIT	Extenders / Wall Plates	Single HDMI input, 70m, IR+RS-232	Single input only. Adds bidirectional IR and RS-232 for room control. Best for managed rooms with control systems.
WP-HDBASET	Extenders / Wall Plates	HDMI + VGA input, 70m, VGA scaler	2-gang form. Adds VGA scaler. Best for legacy VGA environments.

Recommend: WP-EXTHDTC70 when rooms needing KVM at a competitive price point.

7 FREQUENTLY ASKED QUESTIONS

Q: Does this include the receiver?

Yes — the WP-EXTHDTC70 is a complete kit including the wall plate transmitter and HDBaseT receiver. No separate purchase required.

Q: What USB devices are supported via KVM?

The two USB-A ports on the receiver support USB 2.0 devices — keyboards, mice, touchscreens, webcams, and speakerphones. USB 3.0 devices operating in USB 2.0 mode are compatible.

Q: Can it power the wall plate without a local outlet?

Yes. POE is supplied from the receiver over the CAT6 cable. No AC power is needed at the wall plate transmitter.

Q: Is it compatible with Zoom Rooms or Teams Rooms?

Yes. USB 2.0 KVM extension allows cameras, speakerphones, and touch interfaces connected to the receiver to appear on the source PC connected to the wall plate.

Q: What cable type is required?

CAT6, CAT6a, or CAT7 for optimal performance. Shielded cable with metal RJ45 connectors is recommended to prevent EMI-related signal dropout.

Q: How does auto-switching work?

The wall plate automatically selects the last-active or currently-connected source. HDMI takes priority when both inputs are active. Press SOURCE to manually override.

Q: Why choose this over a basic USB-C dock?

A dock requires local power and HDMI cable to the display. The WP-EXTHDTC70 routes signal and USB peripherals up to 70m over a single structured cable — no display-side clutter, no power management issues.