

UltraSlim HDBaseT HDMI Extender Kit — 70M / 230ft

4K/30 & 1080p/60 Extension with Bi-directional PoH, IR & RS-232 over Single Cat5e/6

MPN: EXT-HDBT70M



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators, IT/AV managers, and systems designers specifying clean, compact HDMI signal distribution in corporate AV, education, hospitality, and digital signage installations.

THE CHALLENGE

Standard HDMI cables fail beyond 25–50ft. Installers need a compact, full-featured TX/RX kit that extends 1080p to 230ft and 4K/30 to 130ft over existing Cat cable, without the bulk of full-size extenders.

THE KANEXPRO ADVANTAGE

UltraSlim metal enclosure (0.64" / 16.2mm) with mounting ears installs anywhere — behind displays, in lecterns, in tight racks. Bidirectional PoH means one 24V adapter powers both TX and RX. Full RS-232, IR, and CEC pass-through at a competitive price point.

2 PRODUCT POSITIONING

EXT-HDBT70M is the compact HDBaseT kit for AV integrators who need reliable 1080p/4K extension at 70m without sacrificing control integration or adding installation bulk.

3 APPLICATIONS



Corporate AV

Extend boardroom sources to remote displays with RS-232 control pass-through.



Education

Mount TX at lectern, RX behind display. One adapter, clean install.



Hospitality

Drive content from back-of-house to guest room and lobby displays.



Healthcare

Behind-display mounting in patient rooms and nursing stations.



Digital Signage

Connect media players to displays up to 230ft away over existing Cat cable.



Control Rooms

Bidirectional RS-232 and IR for full automation integration.

4 WHO THIS IS FOR

AV Integrators

Corporate AV

Education

Hospitality

Healthcare

Digital Signage

Ideal User

AV integrator or systems designer specifying compact HDMI extension for permanent commercial installs

Project Types

Corporate boardrooms, higher education, hotels, healthcare displays, digital signage

Typical Buyer

AV integrator (specifier), IT/AV manager (approver), purchasing manager (PO)

5 KANEXPRO PRODUCT COMPARISON

The EXT-HDBT70M is KanexPro's compact 70m HDBaseT kit. Here's how it positions vs. the wider extender family:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
EXT-HDBT70M	This product	70m 1080p / 40m 4K/30, PoH, IR, RS-232, CEC	Full TX+RX kit — best value for point-to-point installs
EXT-HDBT70MTX	TX unit only	Same capability, TX only	For matrix environments needing TX without RX
EXT-HDBT70MRX	RX unit only	Same capability, RX only	Replacement RX or matrix-fed display endpoint
EXT-4KHD150M2	Full-feature 150m kit	18Gbps 4K60 4:4:4, 150m, HDMI loop, audio de-embed	When 4K60 or longer runs are required

► EXT-HDBT70M is the right choice for compact, cost-effective 1080p/4K/30 point-to-point installs up to 230ft.

6 FREQUENTLY ASKED QUESTIONS

Q: Does this support 4K/60?

No — maximum is 4K/30 at 40m. For 4K/60 see EXT-4KHD150M2.

Q: Can I power from one end only?

Yes. PoH allows either TX or RX to be powered; the other draws power over the Cat cable.

Q: Is RS-232 bidirectional?

Yes. RS-232 commands pass in both directions over the HDBaseT link.

Q: What cable termination is required?

T568B straight-through Cat5e or Cat6a on both ends.

Q: Does it work with Crestron/AMX?

Yes. RS-232 and IR pass-through is compatible with all major control systems.

Q: Is the enclosure metal?

Yes — UltraSlim black metal with included mounting ears.

Q: How does MSRP compare to competitors?

At \$299.95 MSRP it sits competitively between commodity kits (\$99–\$199) and branded solutions like AVPro Edge (\$350+).