

4K60Hz HDMI Extender over Cat6 — 70M

MPN: EXT-4KHD70M

4K@60Hz HDR | Zero Latency | IR Bi-directional | ARC S/PDIF | 3-Year Warranty

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1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators designing structured-cabling HDMI distribution for conference rooms, digital signage, healthcare, and education.

THE CHALLENGE

Long HDMI runs fail beyond 10–15m. Active fiber cables are expensive. Cat6 extenders are the standard cost-effective solution for runs up to 70M in commercial AV.

THE KANEXPRO ADVANTAGE

Zero latency, 4:4:4 HDR, ARC S/PDIF, bi-directional IR, and HDCP 2.2 — all over a single Cat6 run at a competitive MSRP with 3-year warranty.

2 PRODUCT POSITIONING

The EXT-4KHD70M is the 4k60hz hdmi extender over cat6 — 70m for integrators who need Zero latency, 4:4:4 HDR, ARC S/PDIF, bi-directional IR, and HDCP 2.2 — all over in a plug-and-play, zero-configuration package.

3 APPLICATIONS



Command & Control Rooms

Route 4K@60Hz HDMI from rack equipment to operator displays up to 70M over single Cat6 — zero latency, no compression.



Digital Signage & Advertising

Distribute 4K content from media players to large-format displays across lobbies and retail environments over structured Cat6 cabling.



Conference Rooms & Boardrooms

Extend sources from AV racks to presentation displays with bi-directional IR for remote projector and display control.



Education & Lecture Halls

Run HDMI from lecterns and AV closets to classroom projectors and interactive displays over ceiling Cat6 runs.



Healthcare & Surgical AV

Deliver zero-latency 4K from medical imaging equipment to remote display stations in operating rooms and clinical areas.



Airports & Transit Hubs

Drive departure boards and wayfinding displays from central AV systems across terminal distances using existing Cat6 infrastructure.

4 WHO THIS IS FOR

AV Integrators

Corporate AV

Education

Healthcare

Digital Signage

Hospitality

Ideal User

AV systems integrator or IT infrastructure lead specifying HDMI distribution infrastructure for commercial, education, or government installations.

Project Types

Corporate AV, Education, Healthcare, Digital Signage, Government, Hospitality, House of Worship.

Typical Buyer

AV Project Engineer or IT Director specifying HDMI infrastructure BOM.

5 KANEXPRO PRODUCT COMPARISON

The EXT-4KHD70M fits within KanexPro's HDMI extender lineup alongside complementary products for different distance and feature requirements.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
EXT-4KHD70M	4K HDMI Extender Cat6 70M	4K@60Hz, ARC, IR	Standard point-to-point, no KVM or cascade
EXT-HDMIKVM70M	4K HDMI KVM Extender Cat6 70M	4K@60Hz + USB 2.0 KVM	Adds KVM for keyboard/mouse/PTZ control
EXT-HDMICAS70M	4K HDMI Cascading Kit Cat6 70M	4K@60Hz + up to 10 RX	Multi-display distribution from one TX
EXT-50M18G	4K HDMI Extender Cat5e/6 50M	4K@60Hz, HDMI loop-out, RS-232	50M reach with local preview monitor

► EXT-4KHD70M — \$249.95 MSRP

6 FREQUENTLY ASKED QUESTIONS

Q: What cable type is required and what distance is supported?

Cat6, Cat6a, or Cat7 — up to 70M (230 ft.) at 4K@60Hz. Shielded twisted pair (STP) with proper grounding is recommended for best results.

Q: Does the transmitter and receiver need to be the same brand/model?

Yes — the TX and RX units in each kit are matched pairs and must be used together. The TX and RX in this kit are pre-matched for compatibility.

Q: Is any configuration or firmware required?

No — all KanexPro HDMI extenders in this series are plug-and-play. Connect Cat cable between TX and RX, connect HDMI at each end, and power on. EDID is automatically managed.

Q: Can the IR control both the source and display from either end?

Yes — bi-directional IR allows control of source equipment from the display end and display equipment from the source end. IR TX/RX blaster kits are included.

Q: What power supply is required?

DC 5V–12V, less than 4W per unit. Power supplies are included.

Q: Is this compatible with HDMI switches, matrix switchers, and AV receivers?

Yes — the extender is compatible with any HDMI 2.0 source or display. It works downstream of HDMI switchers and matrices, and upstream of AV receivers and displays. EDID management ensures proper handshake in multi-device signal chains.

Q: What warranty does KanexPro provide?

KanexPro backs this product with a 3-year parts and labor limited warranty. Contact sales@kanexpro.com for warranty service.