

## 4K60Hz HDMI KVM Extender over Cat6 — 70M

MPN: EXT-HDMIKVM70M

4K@60Hz HDR | KVM USB 2.0 | Zero Latency | IR Bi-directional | 3-Year Warranty

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### 1 PRODUCT OVERVIEW

#### DESIGNED FOR

AV integrators specifying remote workstation control, PTZ camera control, or interactive touchscreen installations where USB control must co-travel with HDMI.

#### THE CHALLENGE

Standard HDMI extenders carry video only. Separate KVM extenders add cost and complexity. The EXT-HDMIKVM70M combines both in one system over one Cat6 cable.

#### THE KANEXPRO ADVANTAGE

USB 2.0 KVM over the same Cat6 as 4K HDMI — keyboards, mice, PTZ, touchscreens — with zero-latency 4:4:4 HDR and ARC S/PDIF at no additional cabling cost.

### 2 PRODUCT POSITIONING

*The EXT-HDMIKVM70M is the 4k60hz hdmi kvm extender over cat6 — 70m for integrators who need USB 2.0 KVM over the same Cat6 as 4K HDMI — keyboards, mice, PTZ, touchscreens — 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-HDMIKVM70M 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-HDMIKVM70M — \$399.95 MSRP

**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: Does the KVM USB port support storage devices like USB drives?**

The KVM USB port is primarily designed for HID devices (keyboard, mouse, PTZ cameras, touchscreens). Mass storage devices may work but performance can vary — HID operation is the primary certified use.

**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](mailto:sales@kanexpro.com) for warranty service.