

OREI EX-165C HDMI over Ethernet Extender (Cat6/Cat7, 165 ft, 1080p)

QUICK BUYER GUIDE



HDMI over Ethernet extender for home and business users needing long-distance HD signal transmission up to 165 feet

At a Glance Specs

CABLE TYPE
Cat6/Cat7 Ethernet cable

MAX DISTANCE
165 feet (50 meters)

RESOLUTION
1080p Full HD output

COMPATIBILITY
Blu-ray, PS3, Xbox 360, tablets

POWER SUPPLY
Dual voltage with US plug adapter

CERTIFICATIONS
FCC, CE, RoHS compliant

Who It Is For

-  Users needing HDMI signal extension over Ethernet
-  Home theater setups with long-distance display needs
-  Test facilities requiring multiple device connectivity
-  Businesses with distributed AV equipment
-  Users requiring IR remote control passthrough

Who It Is Not For

-  Users needing 4K resolution support
-  Those without Ethernet cabling infrastructure
-  Applications requiring wireless signal transmission
-  Environments with extreme electromagnetic interference

Trade Offs to Consider

-  Limited to 1080p resolution
-  Requires Ethernet cable installation
-  No built-in 4K support
-  IR control only works with compatible devices
-  Fixed 165 ft maximum distance
-  No power-over-Ethernet capability

How It Compares

- Better than HDMI over coax for longer distances
- Less reliable than fiber optic solutions
- More versatile than HDMI baluns
- Slower than HDMI over USB 3.0
- Cheaper than professional AV matrix systems
- Easier to install than HDMI repeaters

Choose This If...

- ✓ You need HD signal extension over Ethernet
- ✓ You have Cat6/Cat7 cabling available
- ✓ IR remote control is required
- ✓ Certifications matter for compliance

Skip This If...

- ✗ You require 4K resolution support
- ✗ Ethernet cabling isn't available
- ✗ Wireless transmission is preferred
- ✗ You need power-over-Ethernet



Learn More



Read our Review

[OREI HDMI Over Ethernet Extender 2026: Full Guide to Signal Transmission](#)



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