



4K HDMI Extender with IR Control up to 130ft (40m), 1080p 230ft (70m)

Comprehensive's CHE-1 HDMI extender is your low cost solution when an HDMI HD signal needs to be extended up to 230ft and 4K signals up to 130ft. The CHE-1 has signal transfer rates of up to 4.95Gbps with a full 1080p 60Hz and 10.2Gbps with 4K 30Hz video signal. The CHE-1 features EDID management, which allows and encourages source and display handshake for seamless integration. The CHE-1 also has an HDMI loop output for hookup of a local monitor or for cascading. In addition, this extender is also equipped with directional IR pass-through which allows for source or display control.



Features

- Extend full 1080p 60Hz video signal up to 230ft or 4K @30Hz video signal up to 130ft over cat5e/6
- Follows standard IEEE-568B
- Allow for cascading via additional HDMI loop out port
- Support copying EDID from receiver display or loop out display
- Compact design for easy and flexible installation
- HDMI 1.4 and HDCP 1.4 compliant
- Unit has an HDMI loop output to hook up a local monitor
- Signal rates up to 10.2Gbps
- RoHS Compliant
- 3 Year Warranty

Specifications

Transmitter: Input: HDMI x1; Output: CAT5e/6 x1
 Receiver: Input: CAT5e/6 x1; Output: HDMI x1
 Resolutions (HDTV): 480i/576i/480p/576p/720p/1080i/1080p up to 4K 30Hz
 Transmission Distance: 230ft (1080p @60Hz), 130ft (4K 30Hz)
 Operating Frequency: Video Amplifier Bandwidth: 10.2Gbps
 Operating Frequency: Vertical Frequency Range: 30/50/60Hz
 HDMI Compliance: HDMI 1.4
 HDCP Compliance: HDCP 1.4
 Color Depth: 24-bit color
 Power Supply: 5V DC@1A
 Operating Temperature: 32 - 104°F / 0 - 40°C
 Operating Humidity: 10% to 85% RH (no condensation)
 Storage Temperature: -4 - 140°F / -20 - 60°C
 Storage Humidity: 20 - 90% RH (no condensation)
 Regulatory Approvals Converter: FCC, CE, UL
 Regulatory Approvals Power Supply: FCC, CE, UL
 Weight: Transmitter: 132g, Receiver: 130g
 Dimension: 79.5mm [W] x 69mm [D] x 16.5mm [H]
 Warranty: 3 Years

CHE-1