

## Comprehensive HDMI Extender with IR up to 164 Feet over Single Cat5e/6

Comprehensive's CHE-1 HDMI extender is your low cost solution when an HDMI signal needs to be extended up to 164 Feet. The CHE-1 has signal transfer rates of up to 4.95Gbps with a full 1080p video signal. The CHE-1 features EDID management, which allows and encourages source and display "handshake" for seamless integration. Unit also has an HDMI loop output for hookup of a local monitor. In addition, the extender is also equipped with directional IR pass-through which allows for source or display control.



### Features

- Extend full 1080p video signal up to 164 feet using 1 CAT6 cable and up to 130 feet using 1 Cat-5e cable
- Follows standard IEEE-568B
- Directional IR system allowing for control of source or display
- Unit has an HDMI loop output to hook up a local monitor
- Signal rates up to 4.95Gbps
- Compact size
- RoHs Compliant

### 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  
Transmission Distance: 164ft using CAT6, or 130ft. using CAT5e for a 1080p signal  
Operating Frequency: Video Amplifier Bandwidth: 4.95Gbps  
Operating Frequency: Vertical Frequency Range: 50/60Hz  
Color Depth: 24-bit color  
Power Supply: 5V DC@1A

Operating Temperature: 0 deg C to +70 deg C  
Operating Humidity: 10% to 85% RH (no condensation)  
Storage Temperature: -10 deg C to +80 deg C  
Storage Humidity: 5% to 90% RH (no condensation)  
Regulatory Approvals Converter: FCC, CE, UL  
Regulatory Approvals Power Supply: FCC, CE, UL  
Weight: 0.85lbs (385g)  
Warranty: 3 Years

HDMI EXTENDER