

The HX1K-3 is part of the CE labs® HDMI UTP Extender Series. Using HDBaseT™ technology, extend HDMI™ signals up to 328 ft (CAT5e/6/7) at 4K x 2K and 1080p/60Hz/48 bit.



— KEY FEATURES —

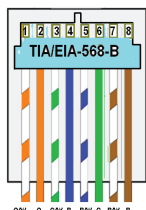
- Uses only one CAT5e/6/7 cable
- HDMI™ and HDCP compliant
- 3D ready
- Uncompressed HD video up to 1080p/60Hz/48bits
- Maximum data rate 3.4 Gbps
- Audio transmission supports Dolby TrueHD, DTS-HD MA
- No adjustment required
- Uses HDBaseT™ technology

— LED INDICATION —

LED NAME:	LED COLOR:	MEANING:
Power	Blue	Power
RJ-45	Blue	CAT5e/6/6a/7

Note: If CAT5e/6/6a/7 cable is not connected on RJ-45 both sides' green LED is OFF.

CE labs recommendation: TIA/EIA-568-B. High quality CAT 5e, CAT6, CAT6a CAT7 UTP (Unshielded Twisted Pair)/STP (Shielded Twisted Pair) or FTP (Foiled Twisted Pair) cables.



- | | |
|-----------------|---------|
| 1. Orange/White | Data0 + |
| 2. Orange | Data0 - |
| 3. Green/White | Data1 + |
| 4. Blue | Data2 + |
| 5. Blue/White | Data2 - |
| 6. Green | Data1 - |
| 7. Brown/White | Data3 + |
| 8. Brown | Data3 - |

— SPECIFICATIONS —

- HDMI™ and HDCP compliant
- Resolution: Up to 1080p @ 60Hz @ 48 bit
- 328 ft maximum distance
(lower resolutions do not extend the distance)
- Compatible with 3D signals
- Audio transmission full pass-through
- Power supply: 5V 2 Amp, 2.5mm
- Max Power consumption for Transmitter: 600 mA
- Max Power consumption for Receiver: 1200 mA
- Operation Temperature: 32 to 131°F
- Storage Temperature: -4 to 185°F
- Humidity: Up to 95%
- Dimensions : 53.3" x 2.0" x 1.0"
- Weight: 4 oz. each
- RoHs compliant
- CE compliant
- FCC compliant

— CAUTION —

- Cable length must be less than 15 ft between HDMI extender and wall connectors (RJ45 jacks).
- CAT5e/6/6a/7 wire must be away from any device, wire, cable, etc. that generate EMI (electromagnetic interference)
Examples: Microwave, cellular phones, radio equipment, fluorescent lamps, high-voltage power lines.
- DO NOT use regular CAT5 cable. It does not have enough bandwidth.
- DO NOT connect to any network.
- DO NOT use stranded cable.

