

HM1CK-3 HDMI™ UTP Extender Series

KEY FEATURES



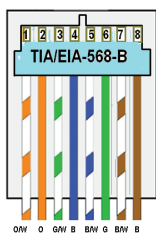
- Uses only one CAT5e/6/6a/7 cable
- HDMI™ 1.3 and HDCP compliant
- 3D ready
- Extend signal up to 328 ft (CAT5e/6/6a/7) at 1080p/60Hz/48 bit
- Bi- Directional control signal RS-232 allowing status request and control of the destination unit
- Bi-Directional IR control signal (38 KHz maximum)
- Uncompressed high definition video up to 1080p/60Hz/48bits
- Maximum data rate 3.4 Gbps
- Audio transmission supports Dolby TrueHD, DTS-HD MA
- No adjustment required

LED INDICATION

LED Name:	LED Color:	Meaning:
Power	Blue	Power
IR Receiver	Blue (flashing)	Receiving IR signal
IR Emitter	Blue (flashing)	Emitting IR signal
RJ-45	Green	CAT5e/6/6a/7 Cable link

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, 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 -

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.
- DO NOT place the IR emitter and IR pickup facing each other. This could cause interference.

SPECIFICATIONS

Product Details:

- HDMI™ 1.3 compliant
- 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 supports Dolby TrueHD, DTS-HD MA
- RS-232 Baud Rate: Up to 115200 bps/ full duplex
- RS-232 DB9 female connector for Transmitter
- RS-232 DB9 male connector for Receiver
- IR Carrier: 38KHz, +/- 10°, 30 ft max distance
- Power Supply: 5V 2 Amp. 2.5mm
- Maximum Power consumption for Transmitter: 600 mA
- Maximum Power consumption for Receiver: 1200 mA
- Operation Temperature: 32 to 131°F
- Storage Temperature: -4 to 185°F
- Humidity: Up to 95%
- Dimensions: 5 1/8" X 3 1/2" X 1 1/8"
- Weight: 10 oz. each
- RoHs compliant
- CE compliant
- FCC compliant

