

**HDMI 1080P@60Hz BALUN  
OVER SINGLE CAT5E/6 CABLE**

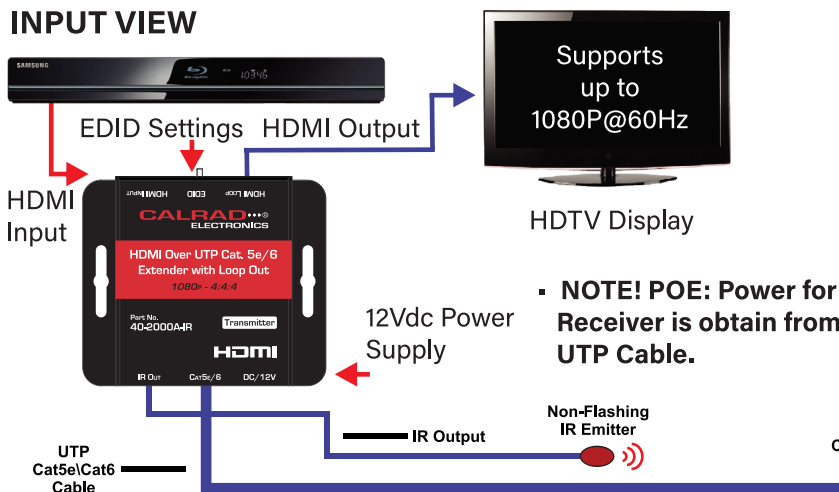


MODEL:  
**40-2000A-IR**

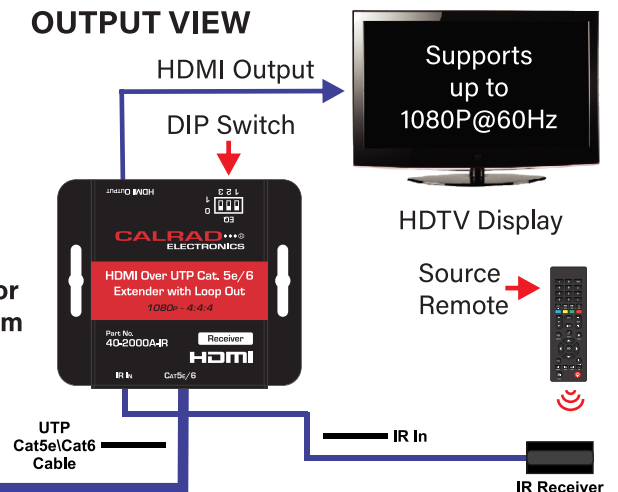
Calrads small and innovative HDMI Plus IR over One UTP category 5e/6 cable with loop out. Designed to deliver pristine digital signals from all HDTV formats and signal sources from 480p to 1080p@60Hz. These devices are a perfect solution for replacing costly standard HDMI cables that are difficult to route thru walls and cabinets. One Cat5e, Cat6 wire using RJ45 terminations deliver digital & IR signals from the transmitter to the receiver. The IR's are Plasma Friendly and emitters are Non-Flasher.

**EXAMPLE DIAGRAM:**

**INPUT VIEW**



**OUTPUT VIEW**



**SPECIFICATIONS:**

- Video Resolutions: 1080p@60Hz, 1080i/p@(50/60Hz), 720p, 480i/p
- HDCP: v.1.4, YUV: 4:4:4
- Video Input/Output: 1 x HDMI High speed each unit
- Video Loop Output: 1 x HDMI High speed each unit
- UTP Cable Distance: CAT6 50M (164Ft.) at up to 1080p
- UTP Input/Output: 1 x RJ45 Shielded Jack each unit
- IR Input/Output: 1 x 3.5mm Mono Jacks each unit
- Audio Support: LPCM 7.1, DTS Digital, Dolby Digital, DTS-HD and Dolby True HD
- Power Supply: DC 12V@1A
- Weight: 8.29oz

- Dimensions (in): 3.12" (L) x 2.68" (W) x 0.65" (H)
- EDID Settings on Transmitter Side Only (Slide Switch):
- Note: The transmitter of this product has the function of EDID copy, Dial to the left side means copy loop EDID, and dial to the right side means copy remote EDID.
- DIP Settings on Receiver Side Only (3 PIN DIP Switch):

Network Cable Distance							
000	3 to 51 Ft.	011	52 to 100 Ft.	101	101 to 131 Ft.	111	131 to 164 Ft.

- A 24AWG UTP cable is recommended at distance up to 131 to 164 Feet.
- Note: The receiver has 3 bit dialing switches. From left to right, 1 is the high position, 3 is the low position. Corresponding to binary, dial up to 0, dial down to 1, for the extension cord distance adjustment. Different network cable lengths need to be set according to the table above.