HDMI Extender

60m HDMI Extender over single Cat5e/6, Support 3D, IR
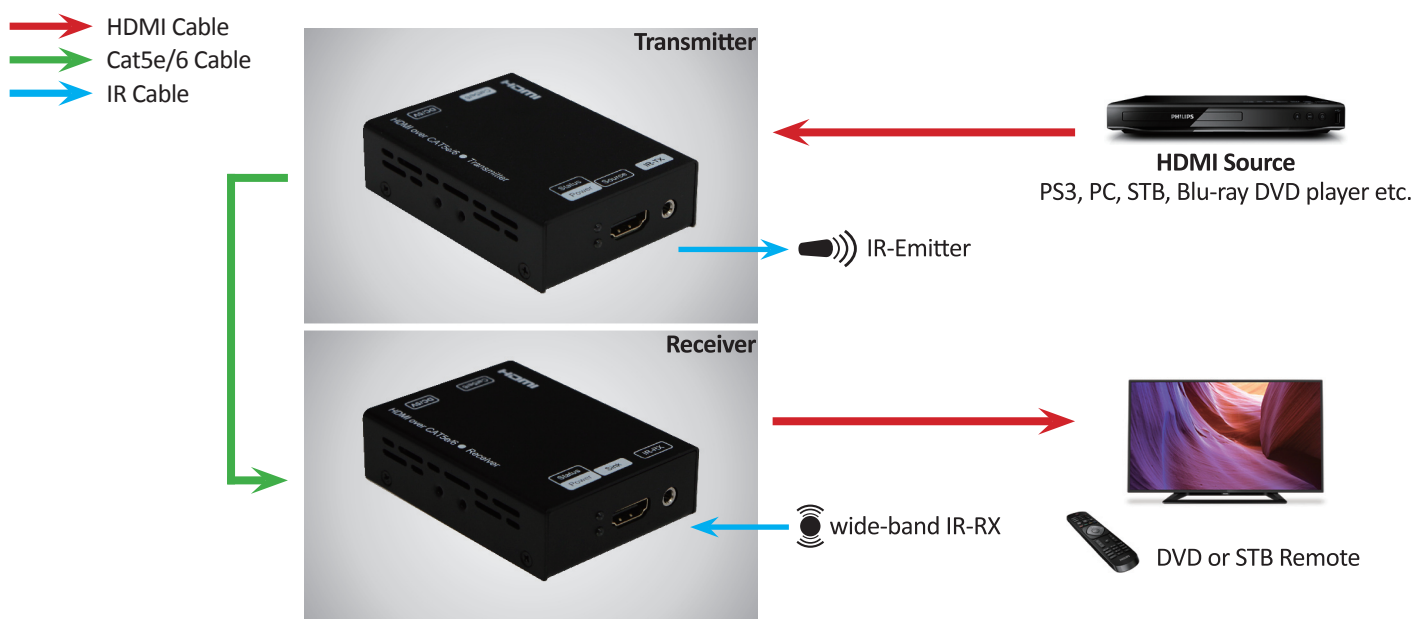
EX60-3D-IR

FEATURES

EX60-3D-IR
Size : 84mm (L) x 60mm (W) x 22mm (H)

- Each set includes one transmitter and one receiver.
- Allows HDMI Audio/Video Signals and IR to be transmitted over a **60m** single Cat5e/6 cable (UTP cable).
- Use single Cat5e/6 cable to substitute HDMI cable to achieve long distance transmission, cat5e/6 cable follows the standard of IEEE-568B.
- Transmission distance reaches up to 60 meters under the video format of 1080p.
- Auto-adjustment of feedback, equalization and amplify.
- Signaling rates up to 2.25 Gbits at 1080p.
- With infrared control signal passing through function.
- Support 3D video format.

WIRING DIAGRAM

→ HDMI Cable
→ Cat5e/6 Cable
→ IR Cable

Transmitter

HDMI Source
PS3, PC, STB, Blu-ray DVD player etc.

IR-Emitter

Receiver

wide-band IR-RX

DVD or STB Remote

SPECIFICATIONS

Operating Temperature Range	-5 to +35˚C (+23 to + 95˚F)		
Operating Humidity Range	5 to 90%RH (No Condensation)		
Input Video Signal	0.5-1.0 Volts P-P		
Input DDC Signal	5 volts p-p (TTL)		
Support Video Format	DTV/HDTV : 480i/576i/480P/576P/720P/1080i/1080P 3D video format		
Video Output	HDMI		
Support Audio Format	DTS-HD Master Audio, Dolby true-HD etc.		
Transmission Distance	1080P 8-bit 60m (Maximum) over CAT5E/CAT6/24AWG/Solid (recommend to use 23AWG Cat6 cable)		
Power consumption	3 watts (Maximum)		
IR wavelengh & frequency	Wavelengh : 940mm, frequency 38KHz		
Dimension	84mm (L) x 60mm (W) x 22mm (H)	Net Weight	306g (Pair)
Packing Size	210mm (W) x 180mm (D) x 60mm (H)	Weight	620g