

CLR-HDMI-EL60

HDMI Extender over Cat6 - 60m with HDMI local-out



Overview

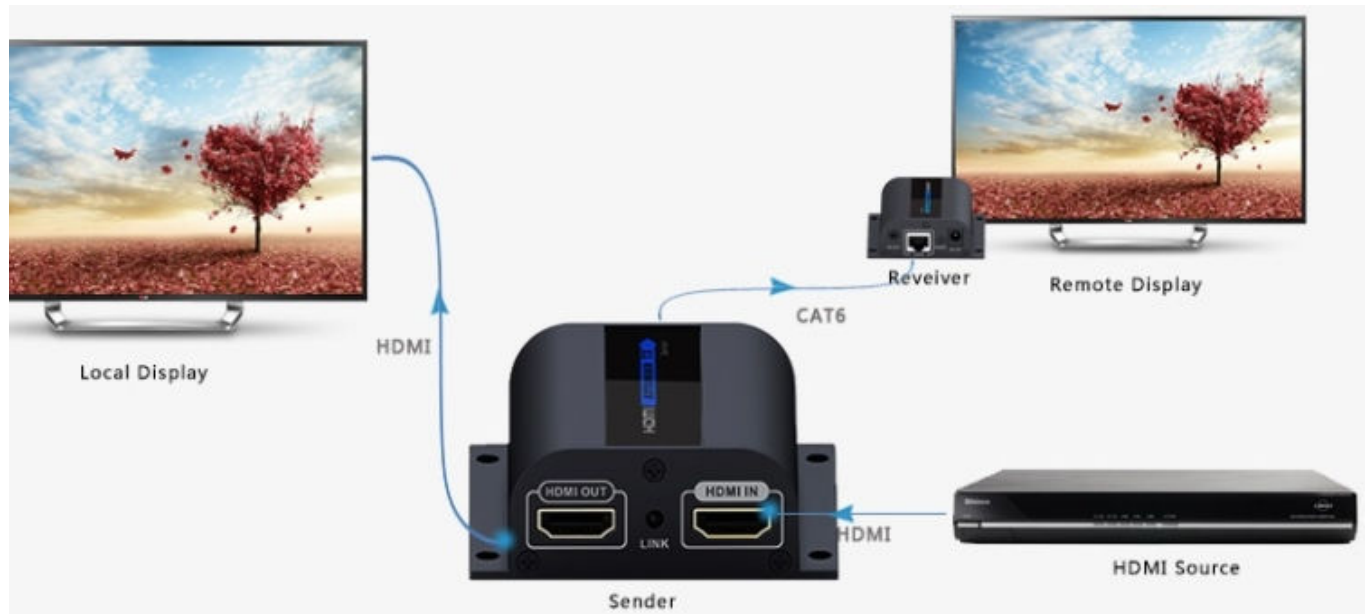
CLR-HDMI-EL60 extends high quality, 1080P HDMI video from HDMI sources like DVD Player, Blu-ray Player Set-top box, console systems or other video equipments, with Cat6 UTP cable up to 60meters. This way it overcomes HDMI cable signal transmission distance limit . It also supports IR transmission function.

As another function, the transmitter additionally has a local HDMI output port which can be used to connect a local monitor directly to the transmitter. (HDMI loop-out function)

Area of usage

- Long distance transmission of high quality HDMI video and audio throughout TCP/IP network.
- HDMI monitors in the shopping centers, hospitals, schools, etc.
- Video conference systems
- Medical monitoring system
- CCTV, multimedia projects
- The industrial automation and control systems
- Big screen LED curtain wall display projects
- LCD and plasma flat panel multimedia advertising
- Security monitoring system
- Multimedia network education system
- Long-distance network server monitoring
- Military visual systems

Application Diagram



Features

- Supports full standard HDMI specifications including full HD 1080p.
- Extends HDMI and IR signals with cat6 cables
- Long distance HDMI signal transmission 60 meters
- HDMI loop-out for local monitor
- HDMI lossless transmission
- IR signal transmission for controlling the source
- Extends HDMI AV signal to synchronous output.
- Video signal is as fluent as direct connection
- Supports uncompressed HDMI signal.
- Supports uncompressed audio output such as LPCM
- Color reproduction technology.
- Auto adjusts itself to match the cable length to achieve best display.
- Plug & play. No need for driver
- Vivid video images.

Specifications

HDMI Functions

HDCP version	- HDCP1.2
Input HDMI Resolution	- 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Output HDMI Resolution	- 480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@50/60Hz
Supported video color formats	- 24bit/Deep color 30bit/Deep color 36bit
Supported audio formats	- DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD
IR Signal transmission	- Supports standard 20 ~ 60KHz IR devices
Input Cable Length	- ≤5m (AWG26 HDMI1.3 standard cable)
Output Cable Length	- ≤5m (AWG26 HDMI1.3 standard cable)

Transmission Medium

Interface medium	- Cat 6 UTP cable TIA/EIA568 B
Connector Type	- RJ45
Transmission distance	- Up to 60m with cat 6 UTP cable in point-to-point mode

Environmental specs

Power voltage	- DC 5V
Power consumption	- ≤3.6W
Working Temperature	- 0~55°C
Dimension	- 8 x 7 x 2.5cm
Weight	- 0.1Kg
Material	- Alumina based material

Ordering Information

CLR-HDMI-EL60 HDMI Extender over CAT6 with HDMI local loop-out, IR 60Mt