

HDMI EXTENDER VIA RJ45

The HDMIEXT HDMI EXTENDER makes use of CAT6 cables to extend the HDMI transmission upto 80m. This active extension is a simple plug and play system that can be installed in seconds.

A sender converts from HDMI cable connection to TWO RJ45 sockets. TWO CAT6 patch cables, up to 60m, can then be utilized. At the far end a receiver, powered by a power pack (included), converts the TWO CAT6 back to a HDMI connector where a HDMI cable can deliver the signal to a display equipment such as an LCD TV, plasma TV or a video projector.

HDMI (High-Definition Multimedia Interface) is a compact audio/video interface for transferring uncompressed digital audio/video data from a HDMI-compliant source device to a compatible digital audio/video display device. A digital audio/video source for HDMI can include a HDMI-compliant set-top box, DVD player, HD DVD player, Blu-ray Disc player, camcorder, personal computer, video game console and AV receiver. A HDMI-compliant display device can include a computer monitor, video projector, and digital television.

A HDMI cable is used to connect the source device to the display device. Signal attenuation (dependent on the cable's construction quality and conducting materials) usually limits usable lengths in practice. The HDMIEXT comes in handy here to boost HDMI signal such that the display end can see the signal from the source as intended without audio/video quality degradation. See below for cable extensions and cable type requirements.

So it is best suited for application where the signal source; such as a DVD player, Set-top-box or a DVR; is far away from the display; such as TV, monitor or projector. Applications commonly found in larger residential houses, commercial, industrial and retail environment.



TECHNICAL DATA

Connecting cables	Standard HDMI 28 AWG cable Standard CAT6 cables
Video amplifier bandwidth	1.65Gbps
Highest resolution	1080p/1920*1200
Power supply	Volt: 5V Adaptor: 5V/1.0A
Product size (sender or receiver)	70.2mm(L)x40.8mm(W) x23.0mm(H)

ORDERING INFORMATION

Part No. **HDMIEXT**

