



RoHS  
Compliant

## Description

This kind of HDMI Extender by CAT-5e/6 uses two pieces UTP cable with cross stand inside to extend the HDTV display up to 30 meters for 1080p. It not only breaks the limitation of the HDMI cable transmission length, but also CAT-5e/6 has more flexibility and convenience in cable construction.

Both the sender and receiver are equipped with fixed HDMI cable that allows consumers reduce cost and time for setting. It is capable of supporting DVI (digital visual interface) equipment when used with an HDMI to DVI Adapter, providing greater flexibility and options when integrating several home theatre components.

This product offers solutions for residential consumers: HDTV retail and show site, HDTV, STUB, DVD and Projector factories, noise, space and security concerns, data centre control, information distribution, conference room presentation, school and corporate training environments.

## Features

- One pair as a full functional module, no need of setting.
- CAT-5e/6 cable can substitute HDMI cable to achieve long distance transmission.
- Follow the standard of IEEE-568B.
- Transmission distance can be up to 30 meters for 1080p using UTP cable with cross stand inside.
- Compact size.
- Supports highest video resolution 1080p.
- Supports 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
- Supports 8bit per channel (24bit all channel) deep colour.
- HDCP pass-through.
- Supports uncompressed audio
- Supports compressed audio
- Support 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz, bandwidth up to 165MHz.

## Specifications

Signal Inputs/Output	
Input Video Signal	0.5 -1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1080p
Output Video	HDMI
Operating Frequency	
Vertical Frequency Range	50/60Hz
Input Video Amplifier Bandwidth	1.65Gbps/165MHz
Transmission distance	
UTP cable with cross stand inside	30M for1080p

# HDMI Extender (by cat-5e/6 cable)



<b>Resolutions(HDTV)</b>	
Interlaced (50&60Hz)	480i,576i,1080i
Progressive (50&60Hz)	480p,576p,720p,1080p
<b>Environmental</b>	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	No external power needed
Power consumption (Max)	5 watts
<b>Warranty</b>	
Limited Warranty	12 Months
<b>Regulatory Approvals</b>	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE, FCC
<b>Accessories Adapter</b>	
AC Power Adapter	US standard, UK standard and so on
User Manual	

## Connection and Operation

- 1) Plug the fixed HDMI cable of the sender into the HDMI input source such as: HD-DVD, PS3, STB etc.
- 2) Connect two CAT-5e/6 cables to both the output of the transmitter and input of the receiver.
- 3) Plug the fixed HDMI cable of the receiver into the HDMI display( such as : HD-LCD, HD-DLP)

## Part Number Table

Description	Part Number
HDMI Over CAT5e/6 Sender and Receiver Kit	PSG03493

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-SIGNAL is the registered trademark of Premier Farnell Limited 2019.

Newark.com/exclusive-brands  
Farnell.com/exclusive-brands  
Element14.com/exclusive-brands

