



RoHS
Compliant

Description

The HDMI Repeater extends the length of any HDMI cable by regenerating the HDMI signal before it sends the outputs to the HDMI monitor or projector. The HDMI Repeater will clean out the digital noise (sparkles) in your picture. The input of the HDMI repeater is connected with a long HDMI (male to male) cable from the HDMI device like DVD player or Satellite set top box with a HDMI output port. The HDMI repeater output is connected to a second HDMI (male to male) cable to go from the output to any HDMI display or projector with a HDMI connector. The box is placed near the display to remove any noise that has been generated by a long HDMI cable.

Features

- Supports highest video resolution 1080p.
- Supports 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
- Supports 8bit per channel (24bit all channel) deep color.
- HDCP pass-through.
- 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	5 Volts p-p (TTL)
Maximum Single Link Range	1920x1080P
Output Video	HDMI
HDMI Input/Output Connector	Type A 19 pin
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gbps/165MHz
Resolutions (HDTV)	
Interlaced (50&60Hz)	480i,576i,1080i
Progressive (50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size (H×W×D)	27mm×49mm×15mm
Weight (Net)	0.017kgs
Environmental	
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)

Power Requirement	
External Power Supply	5V DC @ 2A (optional)
Power consumption (Max)	3W
Warranty	
Limited Warranty	12 Months
Regulatory Approvals	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE, FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	

Connection and Operation

- 1) Connect the source device output into input of the HDMI Repeater and connect output of the HDMI Repeater to the HDMI display unit. The HDMI Repeater is put close to the HDMI display unit (Input cables are optional)
- 2) Insert the DC side of 5v power supply if the 5v of the source is not enough.

Part Number Table

Description	Part Number
19-Pin HDMI Extender - Supports Full HD 1080p	PSG08038

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