4K 60HZ HDMI POINT TO POINT EXTENDER
PSG3524

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

When using electrical appliances basic safety precautions should always be followed.

- To prevent fire or shock hazard, do not expose this product to rain or moisture.
- Check that the power supply matches the mains voltage.
- Only use the power supply provided or one of identical specification.
- Do not obstruct the ventilation grilles, use in a well ventilated environment.
- Ensure the IR remote extender cables are connected to the correct devices.
- Beware of static electricity which may damage the device. Use ESD precautions when installing.

WHAT'S INCLUDED

- HDMI Extender and Receiver
- DC to USB Power Cable x 2
- Operation Manual
- IR remote extender
- IR remote receiver

FEATURES

- Zero-latency transmission.
- Extend 4K@60Hz HDMI signal up to 50m over Cat6/6A/7 cable.
- Supports HDR10 and EDID passthrough and auto downscaling.
- The transmitter supports HDMI loop out.
- Support IR passthrough.
- Lightning protection, surge protection, ESD protection.
- Plug and play.

CAT CABLE REQUIREMENT

Follow the standard of IEEE-568B, It is recommended to select a high quality network cable with less loss and crosstalk.

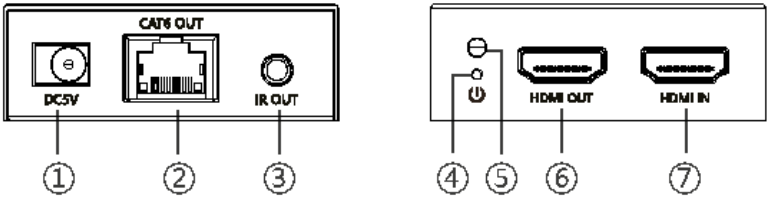
1 orange/white	5 Blue/white
2 orange	6 Green
3 Green/white	7 Brown/white
4 Blue	8 Brown

OVERVIEW

- This is an HDMI point-to-point extender kit with zero-latency transmission.
- The 4K@60Hz HDMI signal can be extended by 50m through CAT6/6A/7 network cable.

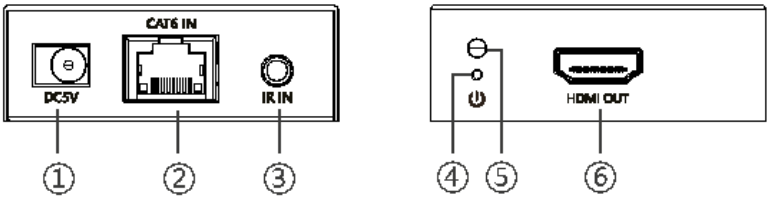
INSTALLATION

TRANSMITTER



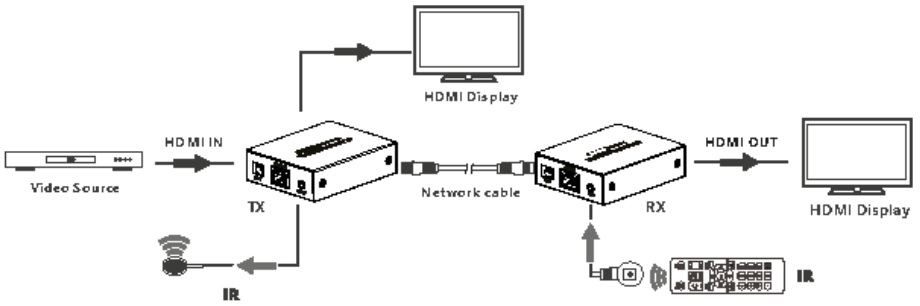
1. Power input - Connect with DC to USB power cable
2. RJ45 output - Connect to receiver with CAT6/6A/7 network cable
3. IR OUT - Connect with IR extender emitter
4. Reset Hole - Press the pinhole reset button with a straightened paper clip
5. Power Indicator - When there is power, the indicator will illuminate blue
6. HDMI Output - Connect with local HDMI display device with suitable HDMI cable
7. HDMI Input - Connect with HDMI source device with suitable HDMI cable

RECEIVER



1. Power input - Connect with DC to USB power cable if required
2. RJ45 input - Connect to transmitter with CAT6/6A/7 network cable
3. IR IN - Connect with IR extender receiver
4. Reset Hole - Press the pinhole reset button with a straightened paper clip
5. Power Indicator - When there is power, the indicator will illuminate blue
6. HDMI Output - Connect with remote HDMI display device with suitable HDMI cable

OPERATION



- Connect the source device to the HDMI IN port of the transmitter with a suitable HDMI cable, and connect the HDMI OUT port of the receiver to the display device with another HDMI cable.
- Using suitable high quality Cat6/6A/7 cable connect the RJ45 port of the transmitter and receiver.
- If using HDMI loop out, connect the display device to the HDMI OUT port of the transmitter.

IR User Guide:

- IR receiver extension cable should be connected to the IR IN port of the receiver.
- The IR emitter extension cable should be connected to the IR OUT port of the transmitter.
- The emitter of the IR extension cable should face as close as possible to the IR receiving window of the source device.
- Face the receiving head of the IR receiver extension cable toward the user for unobstructed line of sight to the remote control.
- The IR receiver detects the users remote control and transmits the signal down the network cable to the IR emitter which replicates the IR output to control the source device.

CLEANING & MAINTENANCE

Clean the outside casing with a soft cloth lightly moistened with mild soap and water. Never use any abrasive or solvents.

SPECIFICATIONS

Specification	Transmitter	Receiver
Video Signal		
Input	1 x HDMI Type A, Female	1 x RJ45 Female
Output	1 x HDMI Type A, Female 1 x RJ45 Female	1 x HDMI Type A, Female
HDMI Cable	≤5m	≤5m
Max Transmission Rate	18Gbps	
Max Transmission Bandwidth	600MHz	
EDID passthrough	Supported	
Compatibility	HMDI2.0 (Deep color/4K/HDR/YUV4:4:4)	
	HDCP2.2 HDCP1.4	
Resolution	480i@60Hz 480p@60Hz 576i@50Hz 576p@50Hz 720p@50/60Hz 1080i@50/60Hz 1080p@50/60Hz 3840x2160@24/25/30/50/60Hz 3440x1440 2560x1440 2560x1080 2048x1080 1920x1440 1920x1080 1280x960 1280x800 1280x768 1680x1050 1360x768 1366x768 1600x900 1024x768 800x600	
Network	1xRJ-45, Female	1xRJ-45, Female
Distance	4K transmission distance 50m 1080p transmission distance 70m	
Audio Signal		
Input	1xHDMI Type A, Female	N/A
Output	1xHDMI Type A, Female	1xHDMI Type A, Female
Formats	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby Atmos	
Control Signal		
IR Interface	1x3.5mm IR OUT, Female	1x3.5mm IR IN, Female
Range	≤5m	
Frequency	20-60KHz	

Power Supply		
Voltage	DC5V/2A	PoC (Power by TX)
Working Power	TX+RX<6W	
Operating Environment		
Operating Temperature	-20~60°C	
Storage Temperature	-30~70°C	
Humidity	0~90% RH (No Condensation)	
Physical Properties		
Weight	130g	130g
Colour	Black	
Size (mm)	75.0 (L) x 60.0 (W) x 21.0 (H)	75.0 (L) x 60.0 (W) x 21.0 (H)
Static Protection	ESD Protection 1a Contact discharge 2 Level (±4KV) 1b Air discharge 3 Level (±8KV) Standard IEC61000-4-2	
	Lighting protection, Surge protection	

CPC Farnell declares that the radio equipment for wireless transmitter/receivers is in compliance with Radio Equipment Directive 2014/53/EU

INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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