



FEATURES

- 4K@60Hz HDR HDMI Extender
- Zero Latency for 50m
- Lightning, Surge & ESD Protection
- Supports Audio Formats: LPCM/DTS-HD/DTS - Audio/Dolby Digital/Dolby Atmos
- 21:9 Resolutions
- Supports PoC - Power over Network Cable (Only TX Power Supply is Needed)

DESCRIPTION

This HDMI Point-to-Point Extender kit can realise zero latency transmission. The 4K@60Hz HDMI signal can be extended by 50m through Cat6, Cat6a and Cat7 network cable. It also supports HDMI loop-out and IR pass-through. Can support resolution up to 3840 x 2160 @ 60Hz.

SPECIFICATION

Items	Transmitter	Receiver
Video		
Input interface	1x HDMI Type A Female	1x RJ45 Female
Output interface	1x HDMI Type A Female 1x RJ45 Female	1x HDMI Type A Female
HDMI Length	≤ 5m	≤ 5m
Maximum transfer rate	18Gbps	
Maximum transmission bandwidth	600MHz	
EDID passthrough	Yes	
Compatibility	HDMI 2.0 (Deep color, 4K, HDR, YUV4:4:4) HDCP 2.2, HDCP1.4	
Resolutions	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	
Transmission distance	4K transmission distance 50m 1080p transmission distance 70m	
Audio		
Input interface	1x HDMI Type A Female	N/A
Output interface	1x HDMI Type A Female	1x HDMI Type A Female
Audio formats	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby Atmos	
Command Signal		
IR interface	1x 3.5mm IR OUT Female	1x 3.5mm IR IN Female
Receiving range	≤ 5m	

Infrared frequency	20KHz~60KHz	
Power		
Power Supply	DC5V/2A	PoC (Powered by TX)
Power Consumption	TX+RX < 5.5W	
Operating Environment		
Working temperature	-20°C~60°C	
Storage temperature	-30°C~70°C	
Humidity	0~90%RH (No condensation)	
Physical Properties		
Housing	Metal	
Weight	TX: 130g	RX: 130g
Color	Black	
Dimensions	75.0(L)*60.0(W)*21.0(H)mm	
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2 Lightning protection, Surge protection	
Certifications	FCC/CE/RoHS	

ORDERING INFORMATION

Part Code	Description
32-3875	HDMI 2.0 Extender by Cat5e/6 - One to One with POC - 50m