

FEATURES

- Supports Transmission Distance up to 120m
- Extend HDMI Signal Over a Single Cat5e/6 Cables
- Supports Resolution up to 1080p @ 60Hz
- Supports Delivery and Split by LAN Switch



DESCRIPTION

This HDMI Extender includes both a transmitter and a receiver unit. It can extend HDMI signal up to 120m over single network cables and supports resolution up to 1080p @ 60Hz.

One transmitting end can be connected to multiple receiving ends through a network router or switch. Up to 263 receiving devices can be connected, the infinite extension and distribution function can be realised through the switch cascade.

This extender is also HDCP compliant.

SPECIFICATION

Project		Description	
Features	Transmission signal category	HDMI video	
	Transmission channel	1 way	
	Transmission distance	120M	
	Transmission delay	<100ms	
	Transmission characteristics	1TX to multiple RX, support cascading, support network cable switch connection	
Power section	Power supply	Power adapter	
	Power Speed Coupler	Voltage range	5VDC
		Power consumption	Transmitter (TX): $\leq 3.5W$; Receiver (RX): $\leq 3W$
HDMI performance	Support HDMI version	HDMI1.3	
	Support HDCP version	HDCP1.4	
	Support HDCP version	24-bit/dark 30-bit/dark 36-bit	
	Support audio format	Left and right stereo audio	
	Maximum transmission rate	10.2Gbps	
	Audio signal transmission format	Left and right stereo audio	
	Input and output TMDS signal	0.5~1.5Vp-p(TMDS)	
	Input and output DDC signal	5Vp-p(TTL)	
	Input cable length	$\leq 5m$ (AWG26 HDMI1.3 cable standard)	
Output cable length	$\leq 5m$ (AWG26 HDMI1.3 cable standard)		
Protection	Surge Protection		
	Lightning protection		
	ESD protection		

Operating environment	Operating temperature	0~60°C
	Storage temperature	-20~70°C
	Humidity (non-condensing)	0~95%
Body attributes	Dimensions (length × width × height)	109×58.5×25mm
	Material	Ferroalloy material + crystal panel
	Treatment process	Sandblasting
	Colour	black
Reliability	Weight	TX: 120g, RX: 125g
	Mean time between failures (MTBF)	>30000 hours

ORDERING INFORMATION

Part Code	Description
32-3866	HDMI Extender Over IP by Cat5e/Cat6 - 120m