

HDMIEXT50-POC



DESCRIPTION

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

FEATURES

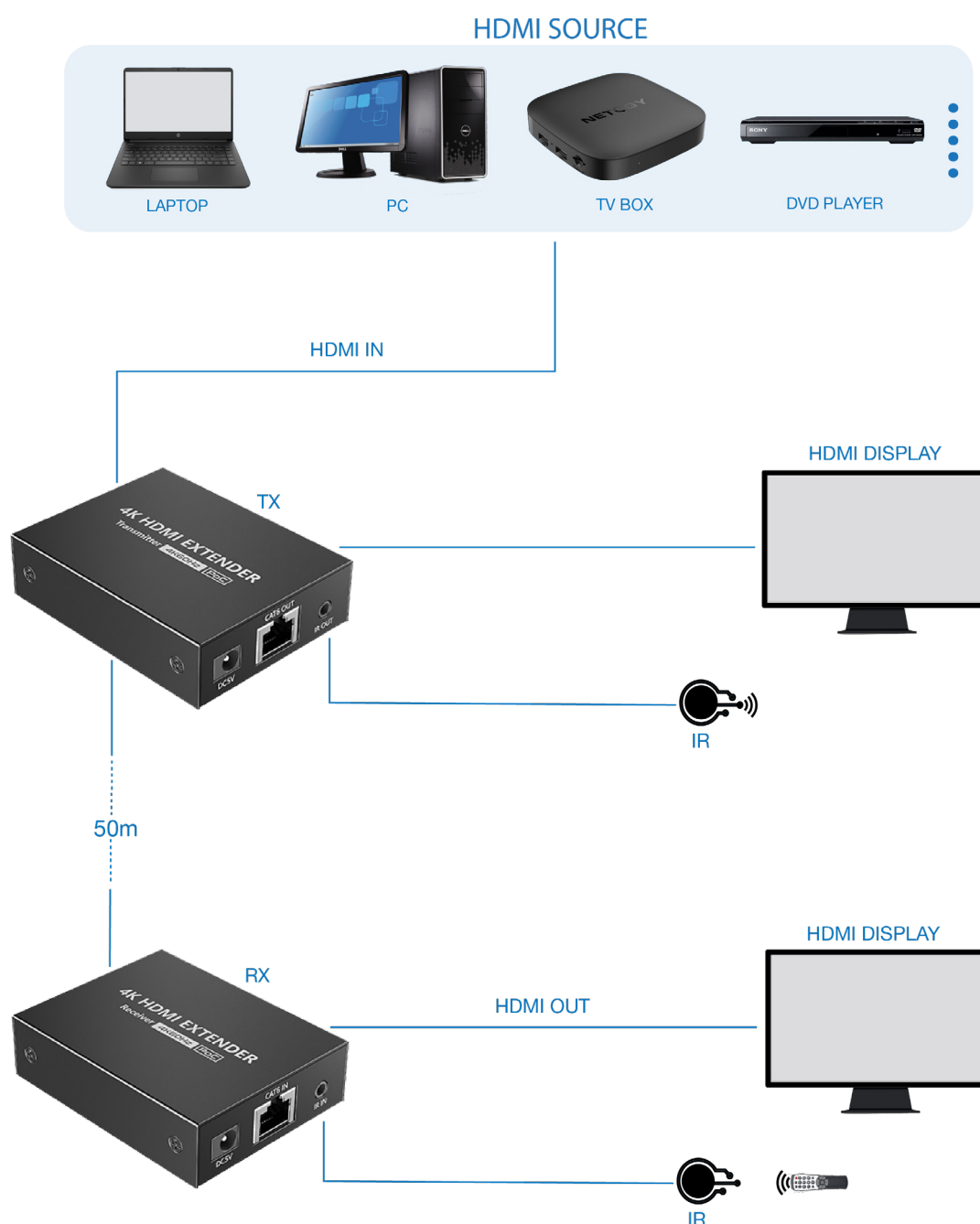
- PoC
- 4K@60Hz HDR
- 50m Transmission
- IR Passback
- Low Latency
- Auto Downscaling
- 21:9 Resolutions
- Lighting, Surge & ESD Protection

DETAILS

HDMI Length	≤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
Resolution supported	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 formats	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby Atmos
IR interface	1x 3.5mm IR OUT Female 1x 3.5mm IR IN Female
Receiving range	≤5m
Infrared frequency	20KHz~60KHz
Power Supply	TX: DC5V/2A RX: PoC (Powered by TX)
Power Consumption	TX+RX ≤5.5W
Working temperature	-20°C~60°C
Storage temperature	-30°C~70°C

DETAILS

Humidity	0~90%RH (No condensation)
Weight	TX : 130g RX : 130g
Housing	Metal
Colour	Black
Dimensions	75.0(L)*60.0(W)*21.0(H)mm
Protection	ESD protection 1a Contact discharge level 2 (± 4 KV) 1b Air discharge level 3 (± 8 KV) Implementation of the standard: IEC61000-4-2 Lightning protection, Surge protection



NOTE: **HDMIEXT20-WL** and **HDMIEXT20-WL-USB** can share the same Receiver