

**CV-K101**

**4K HDMI KVM Extender**



- 4K@60Hz**
- HDMI 2.0**
- No Latency**
- Max. 70m / 230ft**
- Digital Audio**
- KVM**
- Protection**

**Benefits**

- > Support resolution up to 4K@60Hz
- > Support point to point connection
- > Uncompressed and no latency
- > Transmitter support one HDMI loop-out
- > Support KVM function
- > Transmission distance up to 70m via CAT6 cable
- > Protection from surge/ lightning/ ESD

**Applications**

- > Surveillance System
- > Broadcasting
- > Healthcare Diagnostic
- > Conference System
- > Video Edit System
- > Digital Signage
- > Home Theater

**Product Specification**

Technical	Transmitter	Receiver
HDMI compliance	HDMI 2.0, compatible to HDMI1.4	
HDCP compliance	HDCP 2.2	
Transmission medium	CAT 6/7	
Transmission distance	≤70 meters	
Audio formats	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH	
HDR10 (YUV4:4:4)	support	
HDMI Loop-out	support	
S/PDIF out	support	
EDID through	support	
KVM function	support	
Input TMDS signal	0.7~1.2Vp-p (TMDS)	
Input DDC signal	5Vp-p (TTL)	
HDMI connector	Type A 19 Pins,Female	
Network cable standard	CAT 6/7, follow IEEE-5688 standard	

Physical	Transmitter	Receiver
Product (W x D x H)	150 x 107 x 26 mm	
	5.91 x 4.21 x 1.03 Inch	
Packing (W x D x H)	362 x 154 x 86 mm	
	14.25 x 6.06 x 3.39 Inch	
Net Weight	290 g	292 g
	0.64 lb	0.64 lb
Gross Weight	1.09 kg	
	2.40 lb	
Chassis color	Black	
Chassis materials	Aluminium alloy	

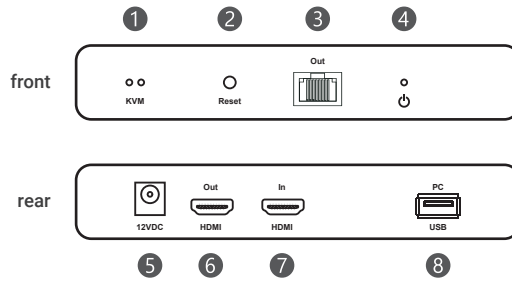
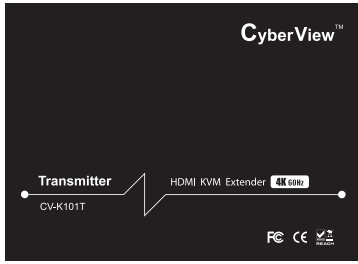
Power	Transmitter	Receiver
Power supply	12V	12V
Power consumption	4W	4W
Electrostatic protection	Implementation of the standard: IEC61000-4-2 1a Contract discharge level 4 (8KV) 1b Air discharge level 4 (15KV)	

TV Video Supported	PC Video Supported		
	16:9	16:10	4:3
24 /25 / 30 Hz	60Hz		
4K ( 4096 x 2160 )	3840 x 2160	1680 x 1050	1280 x 960
4K ( 3840 x 2160 )	1920 x 1080	1280 x 800	1024 x 768
1080p, 720p	1600 x 900	/	800 x 600
576p, 480p	1280 x 720	/	/
576i, 480i	1366 x 768	/	/

Compliance	
Safety	FCC / CE
Environment	RoHS3 / REACH

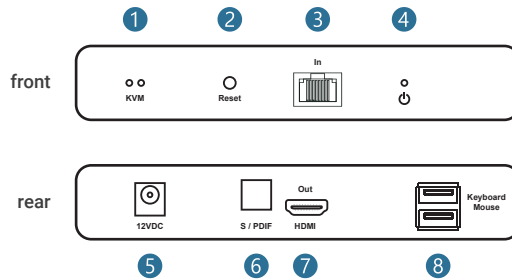
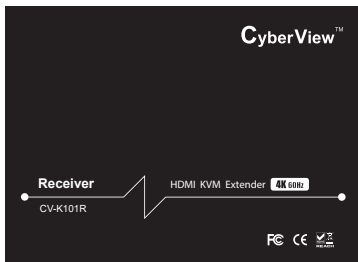
Environmental	
Operation temperature	-20 ~ 60°C
Storage temperature	-30 ~ 70°C
Relative humidity	0 ~ 90% (no condensation)

## Transmitter CV-K101T



- ① KVM LED
- ② Reset
- ③ Cat6/ 7 Output
- ④ Power LED
- ⑤ 12V DC Power Input
- ⑥ HDMI Output
- ⑦ HDMI Input
- ⑧ USB-A to Server/ PC

## Receiver CV-K101R



- ① KVM LED
- ② Reset
- ③ Cat6/ 7 Input
- ④ Power LED
- ⑤ 12V DC Power Input
- ⑥ S / PDIF Audio Output
- ⑦ HDMI Output
- ⑧ USB-A to Keyboard & Mouse

## Connection

