

CV-F101

1080p HDMI KVM Extender



1080p
60 Hz



HDMI 1.4



No Latency



Max. 70m / 230ft



Audio



KVM



Protection

Benefits

- > Support resolution up to 1080P@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
- > Transportation
- > Conference System
- > Video Edit System
- > Digital Signage
- > Factory Automation

Product Specification

Technical	Transmitter	Receiver
HDMI compliance	HDMI 1.3	
HDCP compliance	HDCP 1.4	
Transmission medium	CAT5/ 6/ 7	
Transmission distance	≤70 meters	
Audio formats	PCM/LPCM/DTS-HD/DTS-Audio	
1080P HDR10 (YUV4:4:4)	support	
HDMI Loop-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	CAT5/ 6/ 7, follow IEEE-5688 standard	

Physical	Transmitter	Receiver
Product (W x D x H)	85 x 75 x 20 mm	
	3.35 x 2.95 x 0.79 Inch	
Packing (W x D x H)	240 x 150 x 82 mm	
	9.45 x 5.91 x 3.23 Inch	
Net Weight	130 g	132 g
	0.29 lb	0.29 lb
Gross Weight	558 g	
	1.23 lb	
Chassis color	Black	
Chassis materials	Aluminium alloy	

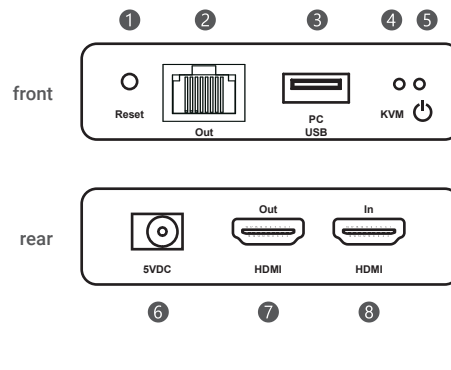
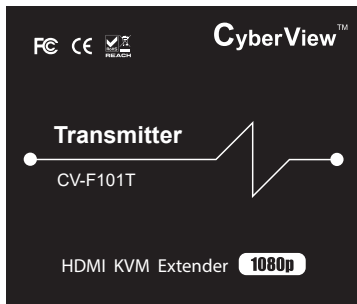
Power	Transmitter	Receiver
Power supply	5V	5V
Power consumption	2.5W	2.5W
Electrostatic protection	Implementation of the standard: IEC61000-4-2 1a Contract discharge level 4 (8KV) 1b Air discharge level 4 (15KV)	

Compliance	
Safety	FCC / CE
Environment	RoHS3 / REACH

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

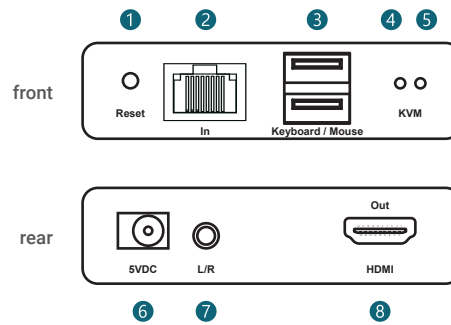
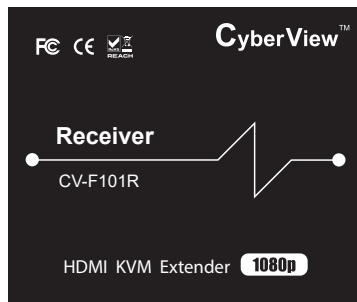
TV Video Supported	PC Video Supported		
	16:9	16:10	4:3
24 /25 / 30 Hz	60Hz		
1080p, 720p	1920 x 1080	1680 x 1050	1280 x 960
576p, 480p	1280 x 720	1440 x 900	1024 x 768
576i, 480i	1366 x 768	/	800 x 600

Transmitter CV-F101T



- 1 Reset
- 2 Cat5/ 6/ 7 Output
- 3 USB-A to Server/ PC
- 4 KVM LED
- 5 Power LED
- 6 5V DC Power Input
- 7 HDMI Output
- 8 HDMI Input

Receiver CV-F101R



- 1 Reset
- 2 Cat5/ 6/ 7 Input
- 3 USB-A to Keyboard & Mouse
- 4 KVM LED
- 5 Power LED
- 6 5V DC Power Input
- 7 3.5mm Audio Output
- 8 HDMI Output

Connection

