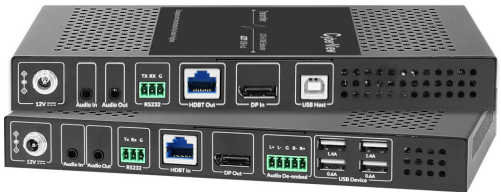
CV-DP101P

DP Cat6 KVM extender + USB hub

CyberView™



Benefits

- Extend uncompressed video & audio up to 18Gbps
- Extend DP signal point-to-point up to 100 m
- Supports video resolutions up to 3840 x 2160@60Hz
- Gigabit Ethernet Transmission via CAT. 5e / 6 / 6A cable
- 4 x USB 2.0 hub port for peripheral devices

Applications

- Surveillance System
- Broadcasting
- Transportation
- Conference System
- Video Edit System
- Digital Signage
- Factory Automation
- Server Room

Product Specifications

Technical	Transmitter / Receiver
Input/Output Video Signal	DP 1.2a with 4K@60 YUV 4:4:4, HDCP 2.2
Maximum Resolution	16 : 9 - max. 3840 x 2160@60Hz 16 : 10 - max. 1920 x 1200@60Hz 4 : 3 - max. 1600 x 1200@60Hz
Audio Format	DP In/Out: PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X Audio In/Out/Audio De-embed: Stereo
HDR Format	HDR 10, HLG, HDR 10+ and Dolby Vision
Maximum Data Rate	Supports DP 4 lanes Up to 5.4Gbps per lane
USB Specification	USB 2.0
Transmission Distance Cat 6A : Cat 5e / 6 :	 100m (4K / 1080P) 40m ~ 70m (4K / 1080P)

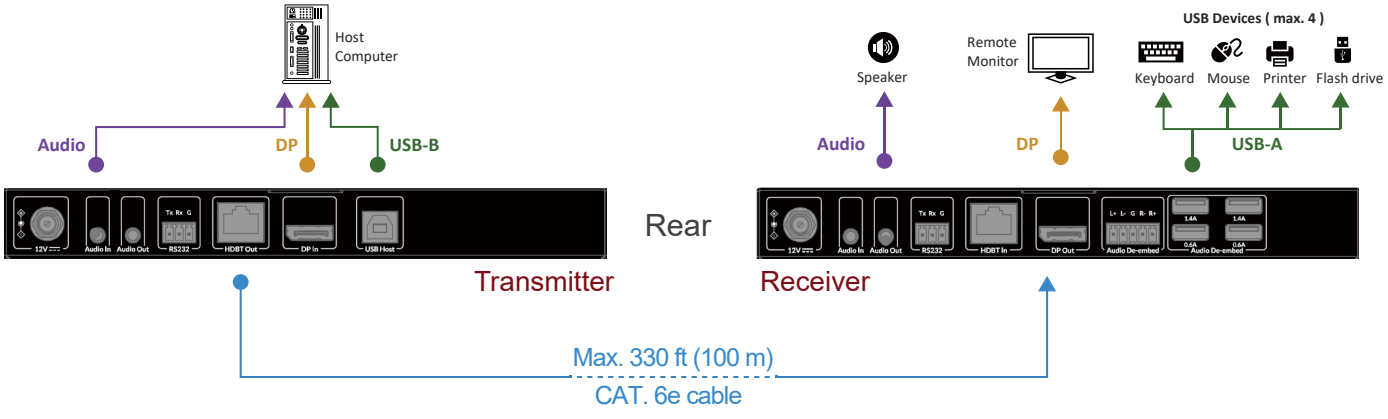
Physical	Transmitter	Receiver
Product (W x D x H)	215 × 25 × 120 mm (each unit) 8.5 x 1.0 x 4.7 inches (each unit)	
Packing (W x D x H)	395 x 225 x 80 mm 15.5 x 8.9 x 3.2 inch	
Net weight	0.56 kg 1.23 lbs	0.57 kg 1.27 lbs
Gross weight	1.85 kg 4.08 lbs	
Chassis color	Black	
Chassis materials	Aluminum	

Environment	
Operating temp.	0°C to 45°C (32°F to 113°F)
Storage temp.	-20°C to 70°C (-4°F to 158°F)
Relative humidity	20% to 90%, non-condensing

Power	Transmitter / Receiver
Input	12V / 3A (each unit)
Consumption	22W (each unit)

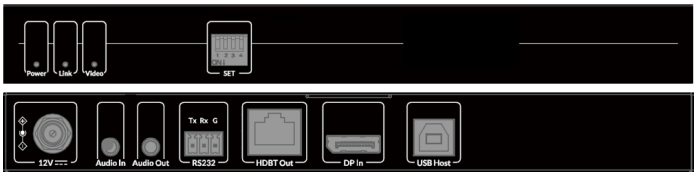
Compliance	
Safety	FCC / CE
Environment	RoHS3 / REACH

Connection Diagram



Design Overview

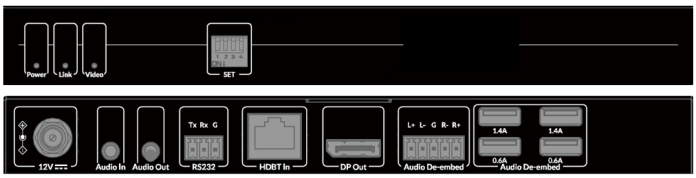
Transmitter



Front

Rear

Receiver



Front

Rear

	Port	Function
Transmitter	DC 12V	Connect to the power adapter provided. With one-way PoH function supported, 1 power adapter is needed to be connected to the receiver to power both units.
	Audio IN	Connect to an audio source for audio pass-through.
	Audio OUT	Connect to an audio receiver for audio pass-through.
	RS232	Connect to a RS232 device for bi-directional RS232 pass-through or firmware upgrade. RS232 function can be set through DIP switch on front panel, see “DIP Switch Settings” section to get detail information.
	HDBT OUT	Connects directly to the HDBT In port of the receiver unit.
	DP IN	Connect to a DP source.
	USB Host	Connect to a host device.
Receiver	DC 12V	Connect to the power adapter provided. With one-way PoH function supported, 1 power adapter is needed to be connected to the receiver to power both units.
	Audio IN	Connect to an audio source for audio pass-through.
	Audio OUT	Connect to an audio receiver for audio pass-through. ** The top two USB ports support a maximum current of 1.4A, while the bottom 2 ports support up to 0.6A. Verify USB 2.0 backward compatibility before plugging in a USB 3.0 device.
	RS232	Connect to a RS232 device for bi-directional RS232 pass-through or firmware upgrade. RS232 function can be set through DIP switch on front panel, see “DIP Switch Settings” section to get detail information.
	HDBT IN	Connects to the HDBT Out port of the transmitter.
	DP OUT	Connect to a DP display.
	Audio De-embed	Connect to an audio receiver to output de-embedded audio from DP output.
	USB Device	Connect to USB devices such as USB keyboard, mouse, or camera. ** USB ports support the USB 2.0 standard with a maximum of 1.4A for the top 2 ports and 0.6A on the bottom 2 ports. Before connecting a USB 3.0 device, confirm the compatibility with USB 2.0.

LED Indicators

	Indicator	Description
Transmitter / Receiver	**Power LED**	Turns on when the device is powered on; turns off when powered off.
	Link LED	Status light is on when the HDBaseT link is normal, and off if there is a link error or no connection.
	Video LED	Illuminates when the video input signal is active, and turns off when the input signal is missing or inactive.