

# DisplayPort Extender over Cat.6 40m

The DisplayPort Extender over CAT.6 allows the installation of a Hi-Def display up to 40 meters away from a DisplayPort source using two CAT.6 cables. Resolutions can be up to 3840 x 2160 @30Hz over two CAT. 6 24AWG cablings. HDCP is also supported. The Receiver is powered by the 2nd CAT.6 cable that extends the DisplayPort signal from the Transmitter, eliminating the need for an external power supply on the Receiver.

## Feature

- Extends DisplayPort audio and video up to 40 meters over 2 CAT.6 24AWG cablings
- Supports 8-Bit Deep Color; supports DisplayPort 1.1a
- Supports resolutions up to 3840 x 2160 @30Hz; 2560 x 1600 @60Hz; 2560 x 1440 @60Hz; 1920 x 1200 @60Hz; 1920 x 1080 @60Hz over two CAT.6 24AWG cablings.
- HDCP compliant; supports the Active DisplayPort adapters
- 16-position EQ rotary switch to compensate for cable skew, enables HPD auto calibration
- Power On LED indicator; no external power supply requirement on the receiver
- Supports 2.1 stereo audio out; Enables the DisplayPort signal transmitting to HD audio out.
- Rugged & cambered shape's Aluminum enclosures are perfect for professional and industrial applications; surface-mountable

Model No.		DP-CAT2E	
		Transmitter	Receiver
Connector	Upstream / Input	DisplayPort 20 Pin female	RJ-45 female x 2
	Output / Downstream	RJ-45 female x 2	DisplayPort 20 Pin female
	Audio	3.5mm Jack	3.5mm Jack
Interconnection Cable		CAT.6 24AWG Cabling	
DisplatPort Cable ext. length based on 4k @30Hz	Input	1m	
	Output	2m	
Operating Distance		Up to 40m	
Video Data Rate		Up to 2.7Gb/s	
Resolution Range		Up to 3840 x 2160 @30Hz	
LED		1	
Operating Temperature		0°C to 40°C	
Power Supply		5V1A	*optional
Housing		Aluminum	
Dimension ( L x W x H )		90 x 73 x 31mm	

Note: the receiver may have power provided from the transmitter upon CAT.6 cabling connection. When the receiver is connected to an Active DisplayPort adapter, it requires an external power supply of 5V1A.

