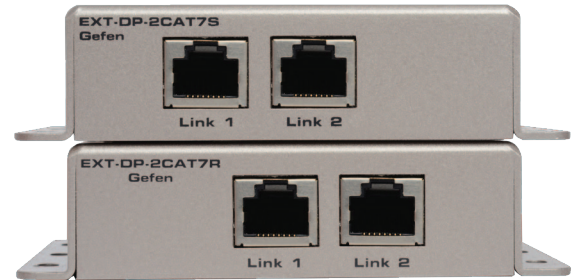




## Extend DisplayPort over CAT-7 cables up to 100 feet (30 meters)



EXT-DP-2CAT7

### Extend DisplayPort over two CAT-7 cables

The DisplayPort Extender over CAT-7 allows the installation of a HDTV display up to 100 feet (30 meters) away from a DisplayPort source using two CAT-7 cables. Resolutions up to 1920 x 1200 (WUXGA) or 1080p Full HD when using a single CAT-7 cable, and up to 2560 x 1600 (WQXGA) when using two cables, can be supported. HDCP is also supported. The Receiver unit is powered by the first CAT-7 cable that extends the DisplayPort signal from the Sender unit, eliminating the need for an external power supply on the Receiver unit.

### How It Works

Connect the Sender unit to the DisplayPort source using the included DisplayPort cable. Connect the Receiver unit to the HDTV display using another DisplayPort cable. Connect the Sender unit to the Receiver unit using one or two CAT-7 cables, depending on the maximum required video resolution. Connect the included locking power supply to the Sender unit and an available electric outlet. The Receiver unit is powered by the Link 1 CAT-7 cable and does not require an external power supply. Turn on the power to the source and the display.

### Features\*

- Extends DisplayPort up to 100 feet (30 meters)
- Supports resolutions up to 2560 x 1600 over two CAT-7 cables, and up to 1920 x 1200 or 1080p Full HD over one CAT-7 cable
- HDCP compliant
- Supports DisplayPort 1.1a
- 16-position EQ rotary switch to compensate for cable skew
- HPD Auto-Calibration button
- Pre-emphasis switch
- Drive level switch
- Boost level switches
- Power On and Link indicators
- Locking power supply
- Surface-mountable

### Specifications\*

- Video Data Rate: up to 2.7 Gbps
- Video Output Voltage: 1.2V p-p
- Video Input Connector (Sender): (1) DisplayPort, 20-pin, female
- Video Output Connector (Receiver): (1) DisplayPort, 20-pin, female
- Link Connectors (Sender/Receiver): (2) RJ-45, shielded
- EQ Switch (Receiver): (1) 16-position rotary type
- HPD Auto Calibration button (Receiver): (1) tact-type
- Pre-emphasis switch (Sender): (1) 3-position DIP switch
- Drive level switch (Sender): (1) 3-position DIP switch
- Boost level switch (Sender): (2) 3-position DIP switch
- Power On indicator (Sender): (1) LED, blue
- Link indicator (Receiver): (1) LED, green: good link, red: no link
- Power Supply connector (Sender): (1) 5V DC, locking type
- Operating Temperature: +32 to +104 °F (0 to +40 °C)
- Dimensions (W x H x D) (Sender/Receiver): 4.3" x 1" x 3.3"  
(110mm x 25mm x 83mm)
- Shipping Weight: 2.2 lbs (1 kg)

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