



12m DisplayPort 1.4 Repeater

Part No.: 38415

Description

- Extends DisplayPort 1.4 UHD signals over distances up to 35m
- Supports resolutions up to 7680x4320@60Hz 4:2:0 8bit and HDR
- Five level cascade functionality allows the extension of 8K UHD content up to 32m
- Compact form factor for discreet installation in presentation, conference and education spaces
- 2-year warranty

The Lindy DisplayPort 1.4 Repeater is an active solution for amplifying and extending high-resolution 8K UHD DisplayPort signals up to distances of 12m, or up to five repeaters can be cascaded together to extend 8K signals up to 32m. 4K UHD and Full HD resolutions can also be extended at distances up to 35m using a single repeater.

Support for 8K UHD resolutions and HDR are combined to create an exceptional viewing experience with enhanced brightness, greater contrasts and a much wider colour gamut. HDMI and multi-channel audio formats such as Dolby Atmos, Dolby TrueHD & DTS-X help to create a true sense of immersion when coupled with UHD resolutions and high refresh rates up to 144Hz in PC gaming and other applications. HDCP and DPCP 1.0 support ensures maximum compatibility with copy protected digital content from streaming services or media players.

By amplifying an input signal, the repeater overcomes the limitations of passive copper cables and can extend DisplayPort signals without errors over greater distances than traditional cables.

The repeater's small form factor allows it to be easily hidden for discreet installations and its versatility ensures it can seamlessly integrate into many applications. Support for various resolutions, refresh rates and transmission distances make this repeater perfect for CAD, PC gaming, video & photo editing applications, or in collaborative environments such as presentation, conference and education spaces.

Technical details

Specifications

- AV Interface: DisplayPort
- Interface Standard: DisplayPort 1.4 Repeater
- Supported Bandwidth: 32.4Gbps
- Maximum Distance:

12m (39.37ft) - 7680x4320@60Hz

30m (98.42ft) - 3840x2160@60Hz

35m (114.83ft) - 3840x2160@30Hz

- Maximum Input Distance:

2m (6.56ft) - 7680x4320@60Hz

10m (32.81ft) - 3840x2160@60Hz

15m (49.21ft) - 3840x2160@30Hz

- Maximum Output Distance:

10m (32.81ft) - 7680x4320@60Hz

20m (62.65ft) - 3840x2160@60Hz

20m (62.65ft) - 3840x2160@30Hz

- Maximum Resolution: 7680x4320@60Hz 4:2:0 8bit
- HDCP Support: 2.2
- Transmission Medium: DisplayPort Cable
- Special Features: DPCP Compatible

CONNECTORS

- Input: DisplayPort (Female)
- Output: DisplayPort (Female)
- Power: 3.5/1.35mm DC socket

Physical Properties

- Dimensions (approx.) WxDxH: 54x54x19mm (2.13x2.13x0.75in)
- Housing Material: Plastic
- Net Weight: 0.032kg (0.07lb)
- Operating Temperature: 5°C - 40°C (41°F - 104°F)
- Storage Temperature: -20°C - 60°C (-4°F - 140°F)
- Humidity: 0-80% RH (non-condensing)
- Power Requirements: 5VDC 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 55x100x140mm (2.17x3.94x5.51in)
- Gross Weight: 0.168kg (0.37lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH & California Proposition 65

Package Content

- DisplayPort 1.4 Repeater
- Multi-Country Power Supply (UK, Euro, US, AUS)
- Lindy Manual

Purchasing Information

- No.: 38415
- EAN: 4002888384155

© LINDY 2020