

8K DisplayPort 1.4 Repeater

DP-14R integrates a point-to-point connection DisplayPort Repeater to simplify system equipments; and lower cost for applications requiring single DisplayPort input and output device in personal computing system and other emerging digital appliances.

Feature

- Supports UHD resolutions up to 7680 X 4320 @60Hz & 3840 X 2160 @144Hz 4:2:2 10bit
- Supports data rates up to 8.1 Gbps / lane or 32.4 Gbps total
- Fully compliant with DisplayPort specification 1.4 HBR3, HDCP 2.3, HDR, DPCP
- Supports 4k @144Hz (max. length: 2m in; 10m out); 8K @30Hz (max. length: 2m in; 10m out)
- Enables cascading 5 levels at 4K 144Hz*
- Supports DP++ Dual Mode, compatible with HDMI, DVI or VGA adapters.

Specification

Model No.	DP-14R	
Connectors	Input	DisplayPort 20 Pin Female
	Output	
UHD Resolution	7680 X 4320 @60Hz	
Environment	Operating Temp.	5 °C ~ 40 °C
	Storage Temp.	-20 °C ~ 60 °C
	Humidity	0~80% RH, Non-condensing
Power Supply	5VDC 1A	
LED	1	
Housing	Plastic	
Dimension (L x W x H)	55 x 54 x 20 mm	

*Remarks: The cascading length depends on the cable quality. Strongly recommends using the certified DP cables.

