



User Manual

TrueReach 8K/4K DisplayPort 1.4 Extender Repeater Max 65ft (20m)

Y10A328-B1

Congratulations

Thank you for purchasing this premium Rocstor product. For optimum performance and safety, please read these instructions carefully before connecting, operating or using this product. Please keep this manual for future reference.

Introduction

Rocstor introduces the DisplayPort 1.4 repeater, offering users a convenient means to extend DP signals from a host PC to a monitor or projector, reaching up to 20 meters (10 meters in and 10 meters out), supporting resolutions of up to max 8K/30Hz

Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the packaging:

- Main Unit x1
- User Manual x1
- USB-A to Micro USB M/M Cable 1m x1

Specification

Signal Inputs/Output	
Input	DisplayPort Female
Output	DisplayPort Female
Maximum Resolution	7680*4320@30Hz
Supported DP Version	DP1.4/DP1.2
Bandwidth	1.62 / 2.7 / 5.4 / 8.1 Gbps
Environmental	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	Micro USB
Power Consumption	1W (5V/200mA)
Regulatory Approvals	
Converter Unit	FCC, CE
Accessory Adapter	
User Manual	English Version

Upstream:

DisplayPort (Female)



Downstream:

DisplayPort (Female)



- Support DP1.4 and downward compatible with lower versions
- Transmission speed : 1.62 Gbps / 2.7 Gbps / 5.4Gbps / 8.1 Gbps
- Support DisplayPort 1.4 HBR3 with max video resolution 8K@30Hz.
- Extending Distance: max 20m (10m input, 10m output) with 28AWG or above cable
- Support cascading function up to 3 levels

Note: 1) To achieve 8K transmission, the source and display should support DP1.4, the connected cable should be 28AWG or above DP1.4 cable
 2) When using the cascading function to achieve longer distance, the max resolution will be decreased
 3) The repeater is not bidirectional, so make sure to connect the source to the input port and display to the output port



Support

Technical support is available to all the registered users of Rocstor products.

Technical Support / RMA
Hours: 9:00 am - 5:00 pm PST
Monday to Friday (except holidays)

Tell: +1 (818) 727-7000 (National and international)
Fax: +1 (818) 875-0002
Email: support@rocstor.com



Warranty Information

Warranty Information

This product is backed by a (2) two-year warranty. Rocstor warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. Rocstor does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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⚠ Safety Information:

WARNING:

Please follow these safety instructions. Failure to do so may result damages or injury. It is normal that the device becomes very warm during use.

Please note that:

Continuous contact with warm surfaces for extended time may cause discomfort or injury. In order to reduce the possibility of overheating or heat-related injuries, always allow needed ventilation around the device and use care when handling it. Avoid instances where your skin is in extended contact with the device when plugged into the host computer. It is not recommended to sleep with the device when plugged into a host computer. Avoid placing the device under a pillow, blanket, or your body when connected to a host computer. If you have a medical condition that affects your ability to detect heat against the body, extra care should be used. Never use the device in locations with water, such as a sink, bathtub, or shower stall. Never connect or disconnect the device with wet hands.

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