



4K/60HZ DISPLAYPORT EXTENDER 100M-KVM

EXP-DP-5000

INTRODUCTION

aegis DisplayPort Extender using AVT technology, is able to extend DisplayPort signal over just one qualified 100 Ohm Cat.6 (or up) cable with no signal compression. It can extend DisplayPort signal up to 100 meters and support resolution up to 3840x2160@60Hz. Please make sure the DP input/output directly connect with DP source and DP monitor.

FEATURES

- ✓ Audio and video are transmitted digitally over CAT.6 (or up) cable without signal loss.
- ✓ Range: 100 meters with 4K2K resolution.
- ✓ Compliant with DP1.2a, main link configuration
- ✓ HDCP Support 1.3
- ✓ HBR2/HBR/RBR link rate
- ✓ 1, 2, or 4 lanes
- ✓ Support Connect USB type Keyboard & Mouse
- ✓ Support Bidirectional IR/RS-232 pass-through

EXP-DP-5000 Specification

Model No	4KEXTENDER-DP-100TX	4KEXTENDER-DP-100RX
HDMI Bandwidth	21.6Gbit/s (High Bit Rate 2 (HBR2) mode)	
HDMI Resolution	720P, 1080P/24, 30, 50, 60Hz, 4Kx2K/24, 30, 60Hz.	
Audio Format	2 Channel 16/20/24bit PCM at 32/44.1/48KHz IEC 61937 Compress audio with IEC 60958 frame rate at 2/44.1/48KHz, up to 8 channels. IEC Compressed audio format.	
HDCP	1.3	
Input Port	DisplayPort x 1	RJ45 x 1 - Cat.6/6e/7
Output Port	RJ45 x 1 - Cat.6/6e/7	DisplayPort x 1
Control Port	IR Blaster x 1 - 3.5mm IR Receiver x 1 - 3.5mm RS232 x 1 - 3.5mm	
	USB 2.0 Type B x 1	USB 2.0 Type A – Keyboard USB 2.0 Type A – Mouse
IR Frequency	20-60Khz	
Power Supply	15VDC / 2.4 Amp (US,UK,EU,AU Power Plug)	
Power Consumption	36W - Max.	
Chassis Material	Metal	
Chassis Color	Black	
Operating Temperature	0°C - 40°C / 32°F - 104°F	
Storage Temperature	-20°C - 85°C / -4°F - 185°F	
Humidity	0 - 95% RH (Non-Condensing)	
Dimension	112 mm X 76 mm X 25 mm	
Weight	600 g	

