



HDMI Beam P

Optical HDMI 1 Ch Bi-directional Extender

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PMD HDMI Beam P, optical HDMI Pigtail module extender, is designed to let digital flat panel display extend over 300meters (1,000 ft) away from host based on HDMI standard by optical transmission technology. It can transmit EDID data and HDCP over fiber in real time.



FEATURES

- High speed and long distance transmission by 1 channel SC type multi-mode optical fiber
- Supports resolution up to HDTV/1080P, PC/WUXGA (1920 x 1200)
- TMDS video signal and EDID data is transmitted over optical fiber
- HDCP 1.3a and HDCP Compliant
- Supports 12 bit Deep color
- Uses slim and light Aluminum case
- EMC & Safety : CE, UL, FCC

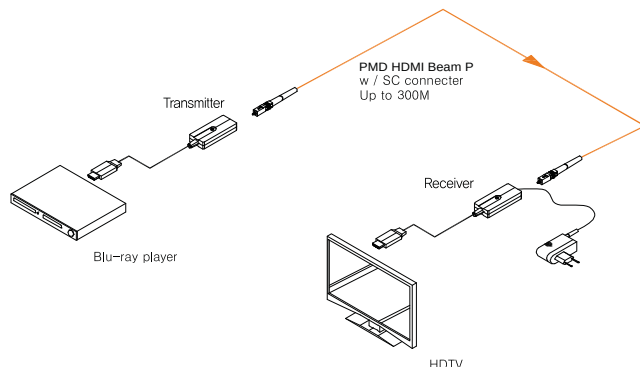
SPECIFICATIONS

	Transmitter	Receiver
Connector	HDMI A type (male) SC connector (female)	
Optic Fiber	1ch / Multi-mode	
Pixel Clock	225MHz (single link)	
Supporting Resolution & Distance	- WUXGA (1920 x 1200) @ 60Hz / 300M (1,000ft) - 1080p (1920 x 1080) @ 60Hz / 300M (1,000ft)	
Power Consumption	1.3W (max)	1.1W (max)
Power Supply	Optional	100~240V DC 5V, 2A
Dimensions	300W x 33D x 12H (mm)	
Environment	Operating Temperature Range: 0°C ~ 50°C Storage Temperature Range: -20°C ~ 70°C	

OPTICAL

- Optical Source: 850nm VCSEL
- O/E Converter: PIN Photo Diode
- Optical fiber mode:
Multi-mode optic fiber
with SC type connector

APPLICATION



PACKAGE

- Transmitter, Receiver
- 1 Power Adapter (for Receiver)
- User Manual

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