

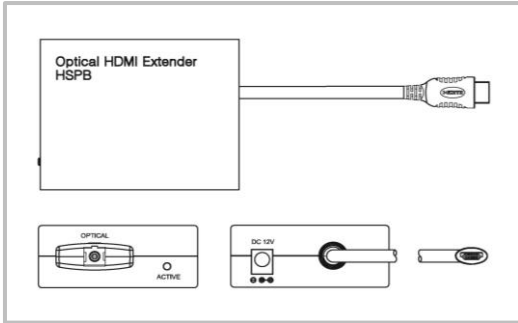


# Optical HDMI 1Ch Bi-directional Extender



## HSPB

HSPB Optical HDMI pigtail module extender, is designed to let digital flat panel display extend over 300meters(1,000feet) 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
- Supporting resolution up to HDTV / 1080p, PC / WUXGA (1920x1200)
- TMDS video signal and EDID data is transmitted over optical fiber
- HDMI 1.3a and HDCP compliant
- Supports 12 bit Deep color
- EMC : KC Certification

### Specification

	Transmitter	Receiver
Connector	HDMI A type(Male) SC connector(Female)	
Optic fiber	1ch / Multi-mode	
Pixel clock	225MHz (Single link)	
Supporting Resolution & Distance	-WUXGA(1920x1200)@60Hz /300M(1,000ft) -1080p(1920x1080)@60Hz /300M(1,000ft)	
Power Consumption	1.3W(Max)	1.1W(Max)
Power Supply	100~240V DC 12V	100~240V DC 12V
Dimension	108*75*35(mm)	
Environment	Operating Temperature Range: 0°C~50°C Storage Temperature Range: -20°C~70°C	

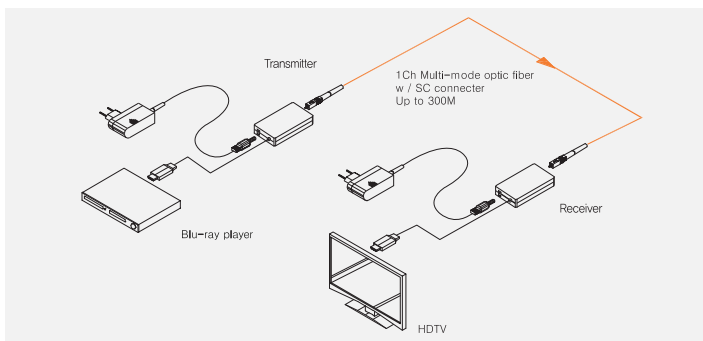
### Optical

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

### Package

- Transmitter, Receiver
- 2 Power Adapter
- User's manual

### Application



\* Specifications are subject to change without notice