



Optical HDMI 2.0a 1ch Extender



4K



FTHS (HDMI 2.0a Standard)

The FTHS fiber optical transmitter/receiver extends your HDMI 2.0a signal up to 200 meters (656ft) over 1-channel SC multi-mode fiber. There is no signal compression or degradation in this 4K UHD resolution (3840x2160 or 4096x2160 @60Hz).

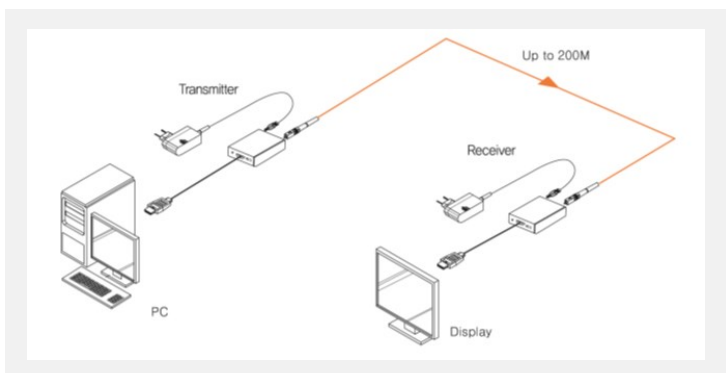
Features

- High Speed and long distance transmission by optical system
- Compatible with HDMI standard V2.0a
- Supports 50-micron OM3 or OM4 Fiber with an SC Connector
- Main-link video signal / DDC data and Hot Plug Detection signal is transmitted by-1 channel multimode optical fiber
- SCDC(Status and Control Data Channel) compliant
- HDCP 2.2 compliant
 - ※ Does not support CEC and HEAC.
- EMI & Safety : CE, FCC
- 19" Rack Mountable Design with the 19RM-001

Specification

	Transmitter	Receiver
Signal	HDMI 2.0a	
Video Bandwidth	18 Gbps	
Supporting Resolution & Distance	4K UHD (3840x2160 or 4096x2160@60Hz) 200m (656ft)	
Connector	HDMI type A (Female)	
Power Consumption	3.05W (Typ)	2.85W (Typ)
Dimension	81.2W x 21.1D x 47.5H (mm)	
Environment	Operating Temperature Range: 0°C~50°C Storage Temperature Range: -20°C~70°C	

Application



Optical

- Optical Source: 850 VCSEL Laser
- O/E Converter: PIN Photo Diode
- Using fiber : 1-Ch OM3 (or OM4)
Optical multimode fiber (SC connector type)

Package

- Transmitter, Receiver
- Power Adapter 2ea
- 1.0M HDMI cable 2ea
- User's manual

Ordering Information

FTHS

Model name

- FTHS-TX, FTHS Transmitter
- FTHS-RX, FTHS Receiver
- FTHS-M, FTHS TX/RX and PS-M set