Optical HDMI 2.0a 1ch Extender

FTHS (HDMI 2.0a Standard)

FTHS, This unique fiber optical transceiver let your PC, digital UHD monitor extend up to 200 meter (656ft) away from host based on HDMI standard without signal degradation by 4K UHD (3840x2160 or 4096x2160@60Hz) resolution.

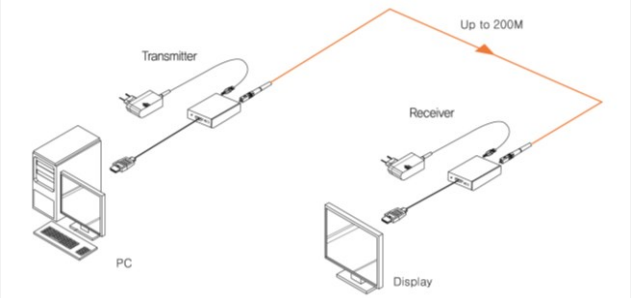
Features

- 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

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