

HDMI to Fiber Optical Converter



Description

SINYU introduce the HDMI (High-Definition Multimedia Interface) full digital video to single fiber technology. The real-time synchronize high-definition video and data/ switching value via single optical fiber achieved high-quality signal transfer over long distance. Embedded advanced high-stability components make it applicable in various operating environments.

Features



- ✓ HDMI 1080P HD signal extends up to 1 Kilometer without image compression
- ✓ Embedded WDM technology enable using "Single Fiber Networking"
- ✓ Plug-and-play design, Easy installation with the ease of adjustment
- ✓ Level 3 lightning protection

Applications:

Ideal for digital home /home theater integration
 HD digital signage (outdoor and indoor) solution, TV broadcast station
 HD auditorium projectors, Conference room video & audio system
 Sports signal broadcasting, football stadium, baseball or basketball arena video & audio system
 Medical imaging system

Warranty: One year		
Optics	Multi-mode: 2KM, operating wavelength@850/1310nm Single-mode: 100KM, operating wavelength@ 1310/1550nm	Connector type: LC (SFP)
Input power	DC 5V/2A	
Environment	Operating: 0°C to +60°C / Storage: -20°C to +75°C Relative Humidity < 95% (non-condensing)	
Signal Type	Video	HDMI version: 1.0~1.2a,1.3 1.4 Video Bandwidth: TMDS MAX 10.8GHz Color depth: TMDS MAX 48bit/px Video Formats: MAX 1080P@1920x1080/60Hz Differential Gain: <1% (typical) Differential Phase: <0.6° (typical)"1"
	Data	Optional Encoded type: RS485/RS422/RS232/Manchester Max. Data rate:0~400K bps, BER<10 ⁻⁹
		Connector type: HDMI A type
		Connector type: Terminal Blocks

LED Status	POWER	Light on (power on) / light off (power off)
	Fiber	Light on (transceiver is working) / light off (not working)
	Video	Light on (optical video signal received or transmitted) / light off (no signal)
	Audio	Light on (optical audio signal received or transmitted) / light off (no signal)
	Lock	Light on (video & audio data is locked)
	Data (RS232/485)	Light flashing (reverse data output) / light off (no signal)

Safety		BE CAREFUL! WARNING THIS LABEL REMINDS YOU THIS EQUIPMENT. MAY DO HARM TO YOU.
		TAKE CARE OF ELECTRIC SHOCK! WARNING THIS LABEL REMINDS YOU THIS EQUIPMENT. MAY DO HARM TO YOU OR YOUR PROPERTY.