HDMI 2.0
4K/2K Extender over SM Fiber (300M)

Tx

Rx

LAN-F010

HDMI 2.0 4K/2K 300M Single-mode Fiber Extender System

The **LAN-F010** extender provides extension of uncompressed HDMI 2.0 sink display up to 300M with maximum resolution up to 4K/2K@60HZ over single mode fiber.

It overcomes the copper HDMI cable length limitation without EMI concern, making it ideal for hospitals or other sensitive environments. The extender supports convenient Plug-and-Play installation, no software or drivers are required. It is a fast and easy solution for applications such as medical imaging, expo, Mass Rapid Transit, and long distanced A/V extension purpose.
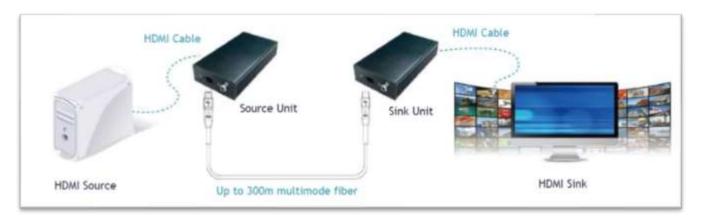
- **Features**

  - Extend long distance HDMI 2.0 connection up to 300M.

  - True 4K/2K@60Hz extension without compression.

  - Supports pass through HDR, EDID and DPCP.

  - Plug-and-play, no driver or software required.

- **Applications**

  - Digital signage A/V extension system.

  - Medical, industry and military remote monitoring.

  - Expo, MRT and airport passenger information system.

  - EMI and security sensitive A/V transmission system.

● Application Diagram

◆ Specifications

LAN-F010	
Extension Range	
Point-to-Point	Up to 300M* over Single-mode Fiber * The maximum possible extension distance depends on HDMI source machine.
Key Parameters	
Maximum Resolution	3840*2160@60Hz
Maximum Video Bandwidth	18.0Gbps
EDID	Pass through
DPCP	Pass through
HDR	Pass through
Environmental	
Temperature	✓Operation: 0℃ ～ 50℃ ✓Storage: -20℃ ～ 70℃
Humidity	✓Operation: 20 ～ 80% ✓Storage: 10 ～ 90% *Relative Humidity, Non-Condensing.
Source Unit Outline	**Sink Unit Outline**
75(W)*138(D)*29(H)mm	75(W)*138(D)*29(H)mm
HDMI 2.0 receptacle*1	HDMI 2.0 receptacle*1
Duplex LC*1	Duplex LC*1
5V/920mA Power Consumption	5V/820mA Power Consumption
Net weight：282g	Net weight：282g
Package Contents	
Source Unit*1pc	Sink Unit*1pc
5V/3A Adaptor*2pcs	Multi-Country Power Cord*2 sets
Package weight：1250g (1 set)	Package size：176(W)*156(D)*128(H)mm (1 set)
Safety Regulation	
CE and FCC Approved	CE FC

◆   Ordering Information
LAN-F010 (EU, UK, AU, US plugs are included)