



## Sepitam-1HD2U1A-FC-T/R

### Uncompressed 1\*HDMI with 2\*USB over fiber converter extender

#### Overview :

2K 60HZ high-definition HDMI optical transceiver supports 2K resolution. It actually utilizes a single fiber to extend HDMI signal, speaker, microphone, USB, etc. It is used for communication with LCD screen, camera pan/tilt, and can also be used as long-distance transmission of touch screen. Low energy consumption, long distance, plug and play, strong compatibility, can achieve more accurate display.



#### Features :

- ◆ Comply with HDMI1.3a standard, HDCP1.1 protocol
- ◆ Transmitter has 1 channel HDMI loop out interface
- ◆ Transmitter has 1 channel USB, receiver have 2 channels USB, can be equipped with keyboard and mouse
- ◆ An external analog audio can be connected, and the HDMI in-band audio is invalid at this time.
- ◆ Automatically identify and configure various display modes
- ◆ The highest resolution is 1080P60, backward compatible
- ◆ Single and multi-mode optical fiber transmission can up to 120KM
- ◆ Built-in ESD protection circuit can effectively prevent electrostatic damage
- ◆ On-site installation: simple and convenient, plug and play, no need to set up
- ◆ Video vision ultra-low latency;
- ◆ Optical fiber transmission, no driver, compatible with any system, plug and play;
- ◆ The equipment is powered by 9-12VDC, and can be connected to a variety of power sources: AC220V, DC-48V/DC24V, etc.;



## Parameters :

- Fiber**

Optical port: 1

Optical Fiber: Single/Dual fiber

Fiber interface: FC/SC/ST/LC(SFP)

Wavelength: 850nm/1310nm Multimode; 1310nm/1550nm Single mode

Relay-free transmission distance: 0~80Km

Typical transmit power: single mode 100uw — 0.93mw

- USB Interface**

Standard: USB 1.1x1

Interface Type: USB 2.0 Type A Female

- environmental index**

Working temperature: 0°C—+40°C

Storage temperature: -20°C—+60°C

Working humidity: 0%—95% (non-condensing)

MTBF: >100,000 hours

- HDMI Interface**

Interface	HDMI female
Standard	HDMI 1.2
	HDCP1.1
Color Space	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
Resolution	1920*1080P60
	1920*1080P50
	1920*1080P30
	1920*1080P25
	1920*1080P24
	1920*1080I60
	1920*1080I50
	1280*720P60
	1280*720P50



## Specifications:

Product Number	Sepitam-1HD2U1A-FC-T/R
Product Function Description	2K 60HZ HDMI1.2 Optical Transceiver
Service Port Description	1 channel optical port, 1 channel HDMI port, 1 channel analog audio port, 2-channel USB ports
Power Supply	AC220V or DC-48V (power supply optional)
Product Size	(L×W×H) 118*78*30mm desktop type
Weight	0.35KG/PCS



# Technical Specification of Sepitam-1HD1U-FC-T/R

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