



SEPITAM

ONE STEP SMARTER

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SEGITAM
1HD2U1A-FC-T/R



TYPE:

Sepitam-1HD2U1A-FC-T/R

Sepitam fiber optic and Ethernet converters are engineered to support the seamless transmission of various services, including FXO/FXS, E1, audio, analog video, HDMI, USB, and serial data. Whether deployed over fiber optic or Ethernet networks, our solutions ensure reliable, high-quality communication for a wide range of applications.



- ▶ TYPE: Sepitam-1HD2U1A-FC-T/R
- ▶ Technical Specification of Sepitam-1HD2U1A-FC-T/R
- ▶ Uncompressed 1*HDMI with 2*USB over fiber converter extender

▶ Description:

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.

▶ Properties:

- 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;



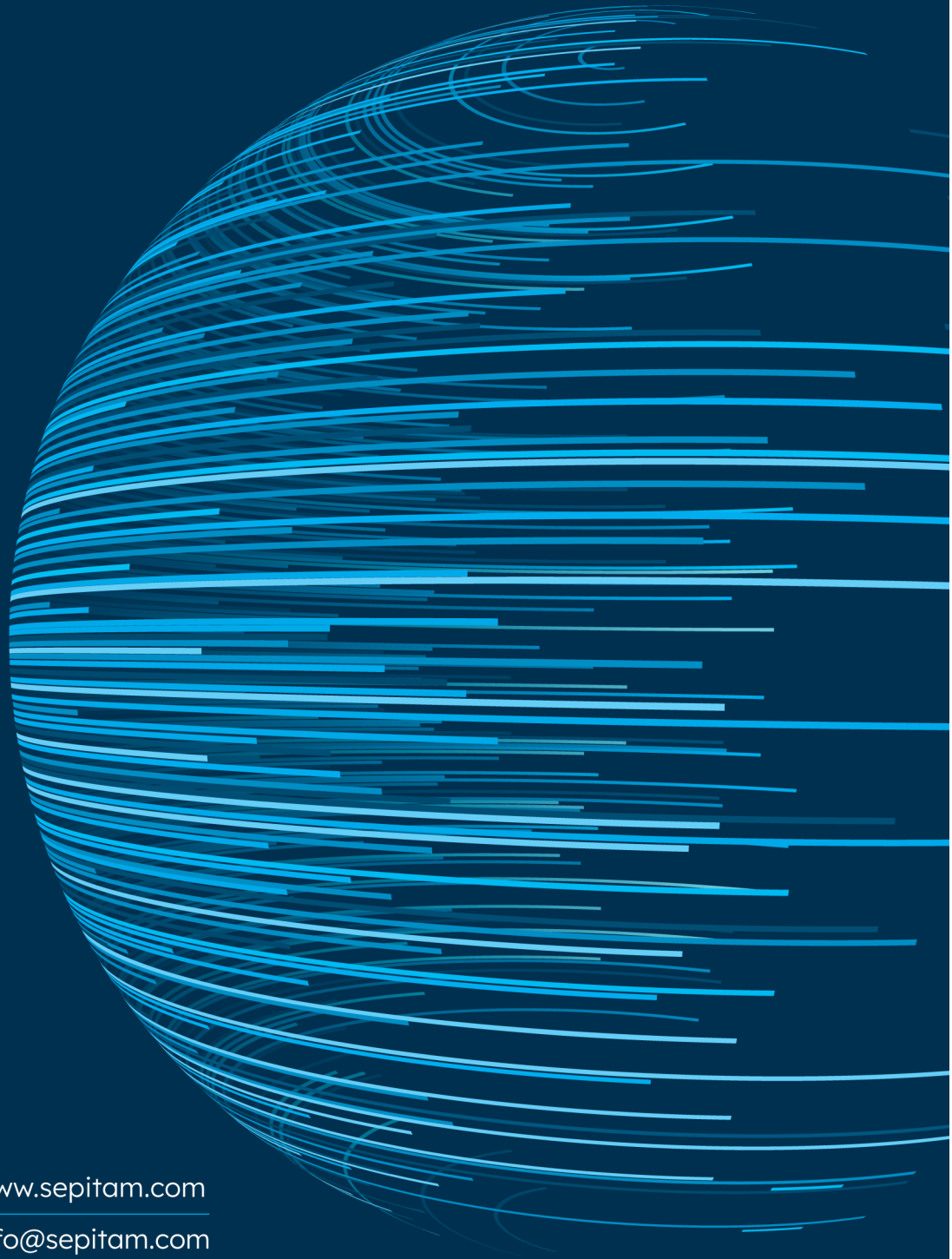
► Specifications:

Model	Sepitam-1HD2U1A-FC-T/R
Interfaces	1 channel optical port, 1 channel HDMI port, 1channel analog audio port, 2-channel USB ports
Functions	2K 60HZ HDMI1.2 Optical Transceiver
Fiber Interface	
Optical port	1
Optical Fiber	Single/Dual fiber
Fiber Connector	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
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



Model	Sepitam-1HD2U1A-FC-T/R
Resolution	1920*1080P60
	1920*1080P50
	1920*1080P30
	1920*1080P25
	1920*1080P24
	1920*1080I60
	1920*1080I50
	1280*720P60
	1280*720P50
environmental	
Working temperature	0°C ~ +40°C
Storage temperature	-20°C ~ +60°C
Working humidity	0%—95% (non-condensing)
MTBF	> 100,000 hours
Power Supply	AC220V or DC-48V (power supply optional)
Dimensions (L×W×H)	118*78*30mm desktop type
Weight	0.35KG

Technical Specification of Sepitam-1HD2U1A-FC-T/R



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