



SEPITAM

ONE STEP SMARTER

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SEPITAM
1DP4U1bD1bA-8K-T/R



TYPE:

Sepitam-1DP4U1bD1bA-8K-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-1DP4U1bD1bA-8K-T/R
- ▶ Technical Specification of Sepitam-1DP4U1bD1bA-8K-T/R
- ▶ 1*8K DP1.4, 2*USB1.1, 2*USB2.0, 1*BiDi Audio & 1*BiDi RS232 over fiber converter

▶ Description:

8K30Hz DP fiber extender has real 32.4Gb bandwidth to transmit 8K DP video signal by uncompressed CWDM solution. It has 8 CWDM wavelength optical lasers to work together to transmit DP 8K30Hz video, Audio, Data. This DP fiber extender could extend DP1.4 video signal, one bidirectional external audio, one duplex RS232 data and two groups of USB over single LC fiber port.

▶ Properties:

- Support one DP1.4 standard video
- Support one channel bidirectional external audio
- Support 1 group of USB1.1 for keyboard and mouse
- Support 1 group of USB2.0, compatible with USB1.1
- Support one channel full duplex RS232 data
- Uncompressed video up to 32.4Gb/s data rate
- Support max 8K@30Hz 4:4:4 Resolution
- Compatible with HDMI2.0 and lower
- Support HDR and Dolby Vision
- Support EDID management
- Single mode, single LC fiber port
- Transmission distance up to 4KM
- No latency with CWDM solution
- Stand alone housing, 12V DC power supply
- Support dual power supply



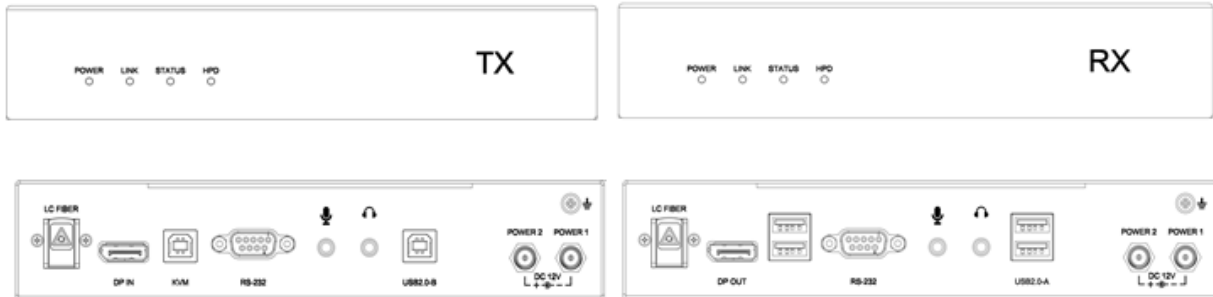
► Specifications:

Model	Sepitam-1DP4U1bD1bA-8K-T/R
Video Input (Transmitter)	1x DP1.4 input
Video Output (Receiver)	1x DP1.4 output
Maximum Video Bit Rate	32.4Gbps
HDMI Format	8K@30Hz 4:4:4, compatible with lower
External Audio	1-ch bidirectional stereo audio, 3.5mm hole
RS232	1-ch full duplex RS232, terminal block, max 115200bps
Wavelength	CWDM, 8 types inside
Fiber Interface	1xLC/UPC
Fiber Mode	Single mode
Max distance	4KM
Maximum pixel clock	600MHz pixel clock
Total Jitter of Rx output	Max. 0.6UI
Skew inter-channels	Max. 2ns
Average time trouble-free	>100000 hours
Working Temperature	-30°C~+70°C



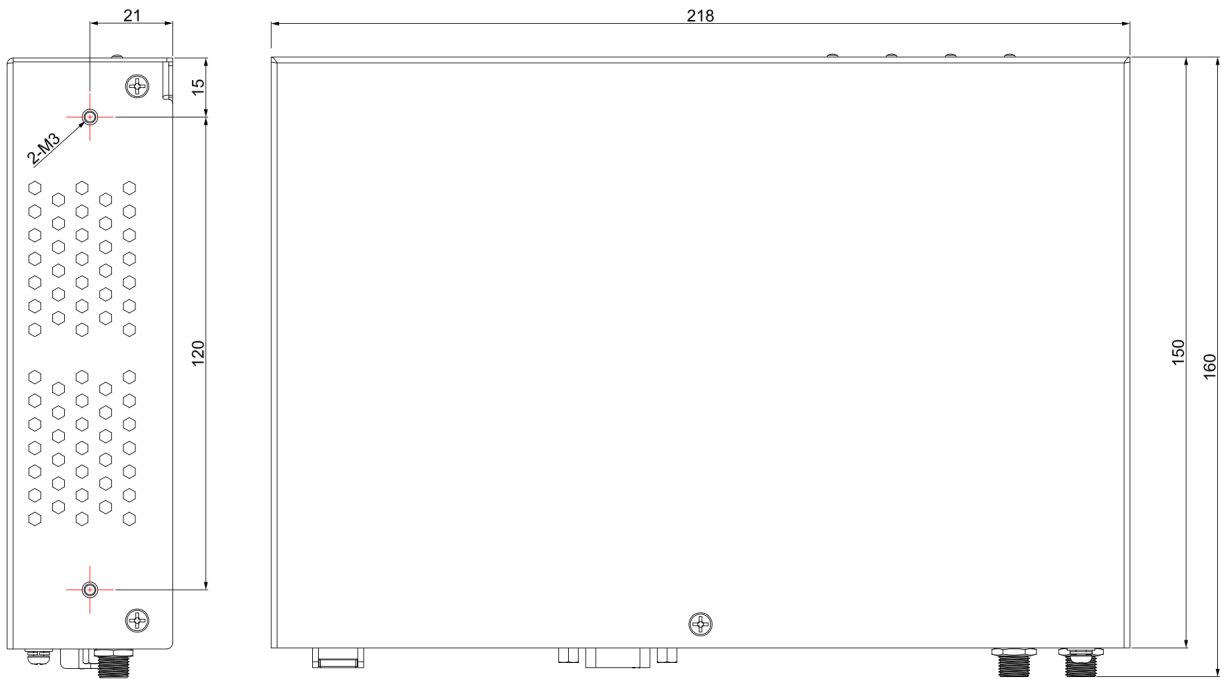
Model	Sepitam-1DP4U1bD1bA-8K-T/R
Storage Temperature	-60°C~+80°C
Relative Humidity	0~95% (non condensing)
Size	218*160*42mm
Power Supply	12V DC

▶ Panel:

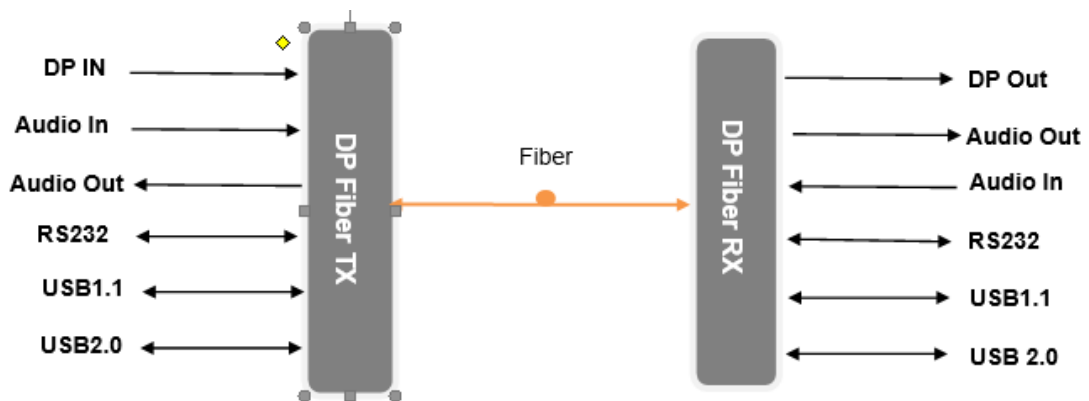




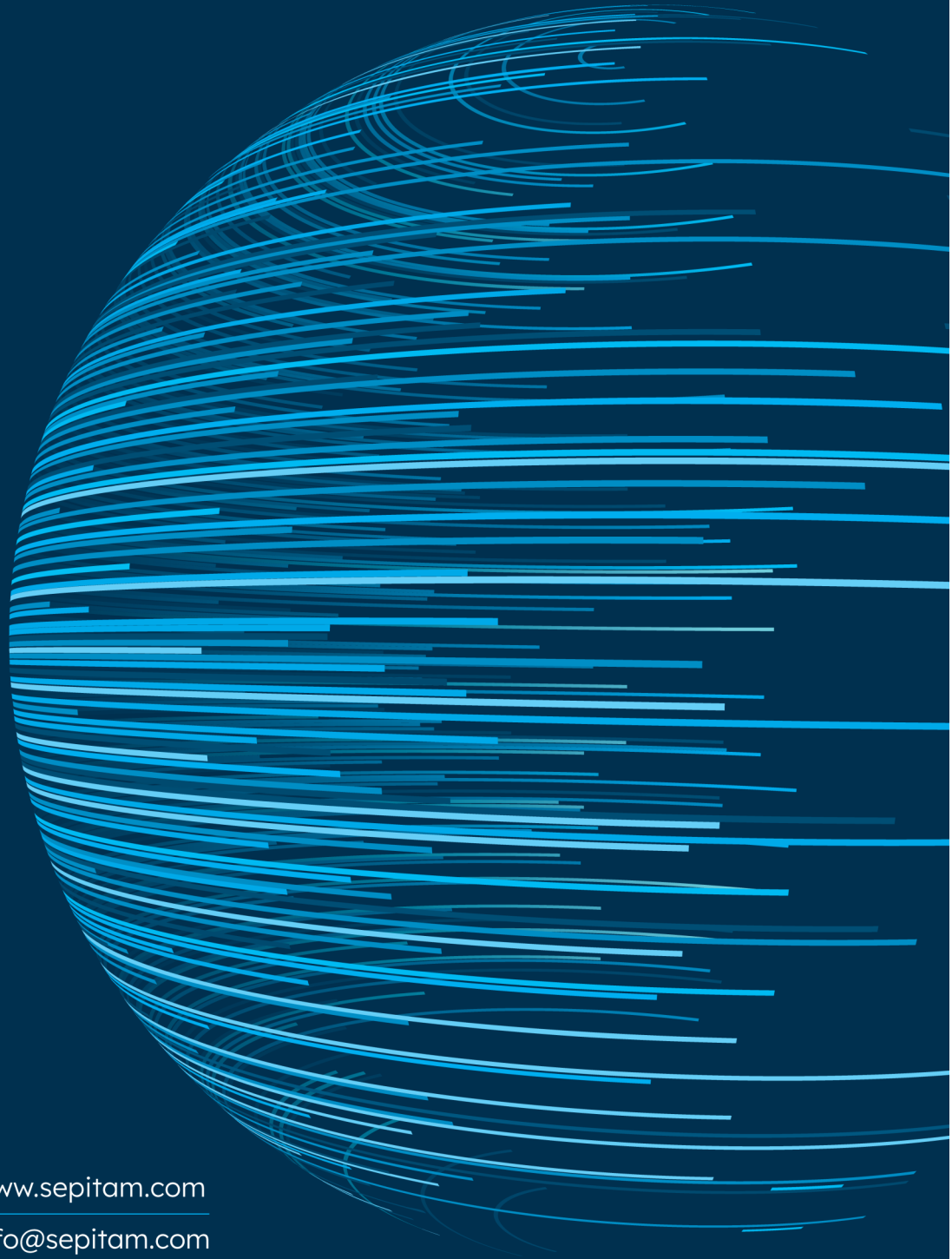
► **Size:**



► **Diagram:**



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