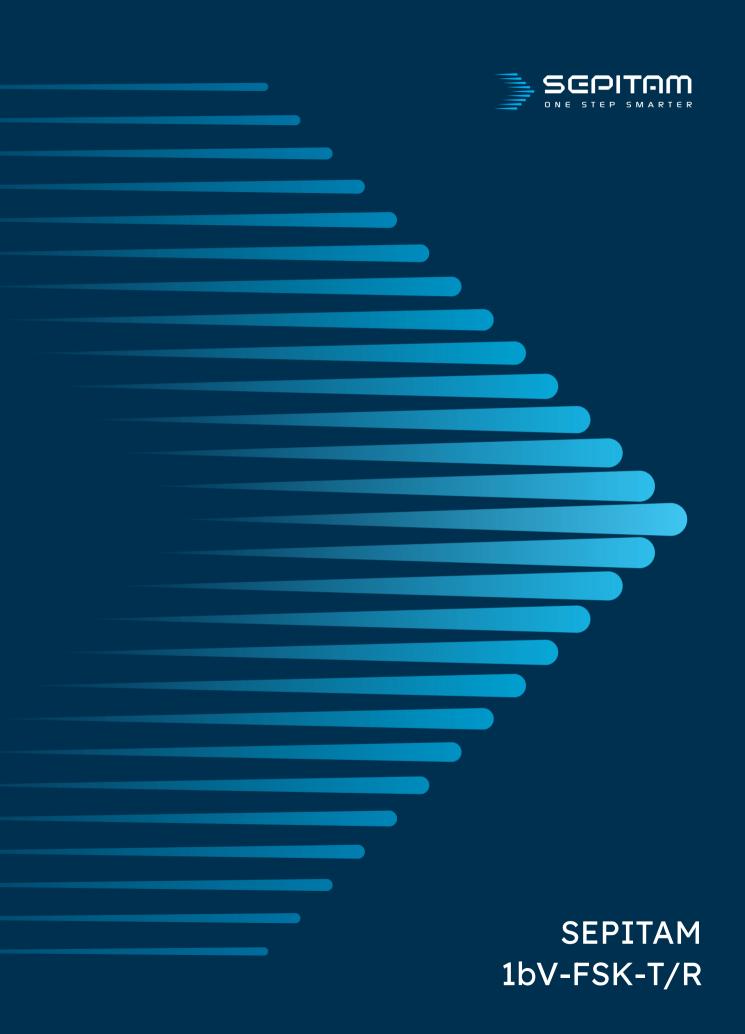


SCPITAM

ONE STEP SMARTER

www.sepitam.com







TYPE: Sepitam-1bV-FSK-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, highquality communication for a wide range of applications.

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- TYPE: Sepitam-1bV-FSK-T/R
- Technical Specification of Sepitam-1bV-FSK-T/R
- 1*Channel Bidirectional Video on Fiber optic converter

Description:

The 1Channel bidirectional Video products adopt the most advanced international technology of digital video and optical fiber transmission, performing synchronous, undistorted, uncompressed and high quality signal transmission over all kinds of optical fiber.

This Fiber Optical Transmitter & Receiver can be easily used in the normal operation by virtue of LED indication of working status, and without any electric or optical regulation on site. It can be installed independently or installed in 2U/4U rack.

Properties:

- Card-type or Stand-alone type for your choice; suitable for concentration management in 2U/4U Racks.
- 10 -digit coding and non-compression video transmission.
- supporting any high resolution video signal.
- Video Band-Width: 10MHz.
- automatically compatible with PAL, NTSC and SECAM video format.
- With APC circuit, constant output optical power and wide dynamic range.
- Large capacity of gigabit optical fiber transmission, easy for upgrading. Supporting video intact regenerative relay.
- LED indication of power and other parameter status, monitoring real-time operation.
- Modularized and industrialized design ensuring reliability and flexibility.
- Advanced auto- adaptive technology avoiding on-site electric or optical regulation.
- Capable of auto resumption of power fuse.



Specifications:

Model	Sepitam-1bV-FSK-T/R	
Fiber		
Connector	FC/ST	
Fiber Type	Single-mode (9/125um)	
Wavelength	1310 nm	
TX power	-9 ~ -6 dBm	
Transmission Distance	0~20 Km	
Lose	0.5 dBm/Km	
Video		
Video Interface	BNC	
Video input/output impedance	75ohm (unbalanced)	
Video input/output Voltage	1VP - P (peak value). Max 1.2Vpp	
Video Bandwidth	10MHz	
Video sampling	15MHz high speed sampling	
Video digit bit width	10/12 bit	
Differential gain	(10%-90%APL) DG < 1% (Typical value)	
Differential phase	(10%-90%APL) DP < 0.8° (Typical value)	



Specifications:

Model	Sepitam-1bV-FSK-T/R
Video SNR	S/N 70dB (Maximum optical link path loss)
General Parameter	
Operating Temperature	-10°C~+50°C
Storage Temperature	-40°C~+80°C
Relative humidity	0~95% (Non-condensing)
Power Voltage	AC85-260v / 50Hz
MTBF	≥l00000 hours
Power supplier	2.5 w (Input:DC5V, 1A)

Technical Specification of Sepitam-1bV-FSK-T/R



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