



SEPITAM

ONE STEP SMARTER

www.sepitam.com

SEPITAM
1P2bD-T/R



TYPE:

Sepitam-1P2bD-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-1P2bD-T/R
- ▶ Technical Specification of Sepitam-1P2bD-T/R
- ▶ 1*Channel Phone, 2*bidirectional Data (Rs232/Rs485/Rs422) on Fiber

▶ Description:

This device provides 1 Channel telephone, 2 expansion interface can be used as the transmission channel of RS232/RS485/RS422 asynchronous data, voice signal, 2/4 line E&M audio signal, switch signal, Ethernet signal (Bandwidth 2Mbps). It is very flexible.

▶ Properties:

- Based on self -copyright IC
- Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~16channel Voice access, supports caller ID feature and reverse polarity billing functions
- Support various sites mutual number allocation function
- Provide 2 expansion interface, you can extend 1~4Channel asynchronous data, such as RS232/RS485/RS422/Manchester code;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20μs, the peak output voltage 6KV open standards.
- The transmission distance is up to 2-120Km without interruption
- AC 220V, DC-48V, DC24V can be optional



► Specifications:

Model	Sepitam-1P2bD-T/R
Interfaces	1*telephone, Console or SNMP, One or Two Fiber interface, 2*RS232/422/485
Fiber	
Optical port	1, 2
Optical Fiber	Single/Dual fiber
Fiber interface	FC/SC/ST/LC(SFP)
Wavelength	850nm/1310nm Multimode; 1310nm/1550nm Single mode
Relay-free transmission distance	20~120Km
Single mode 1310/1550nm	≥-9dB
Multimode 850nm	-18dBm
Multimode 1310nm	-25dBm
Receive sensitivity range	-28dBm~- 40dBm
Physical Interface	RJ45 Support Auto-MDIX
FXS Phone Interface	
Ring voltage	75V
Ring frequency	25HZ
Two-line Impedance	600 Ohm (pick up)



Model	Sepitam-1P2bD-T/R
Return loss	40 dB
FXO Switch Interface	
Ring voltage	35V
Ring frequency	17HZ-60HZ
Two-line Impedance	600 Ohm (pick up)
Return loss	40 dB
EM 2/4 Line	
AD	0dB
DA	-3.5dB
Two/Four-line Impedance	600 Ohm
Return loss	20 dB
Working environment	
Working temperature	-10°C ~ 50°C
Working Humidity	5%-95 % (no condensation)
Storage temperature	-40°C ~ 80°C
Storage Humidity	5%-95 % (no condensation)
Power	Power supply: AC180V ~ 260V; DC -48V; DC +24V Power consumption: ≤10W

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