



**SEPITAM**

ONE STEP SMARTER

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**SEPLITAM**  
**8P1FE-T/R**



TYPE:

## Sepitam-8P1FE-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-8P1FE-T/R
- ▶ Technical Specification of Sepitam-8P1FE-T/R
- ▶ 8\*Channel Phone & 1\*Fast Ethernet 10/100Mbps on Fiber optic converter

## ▶ Description:

This device provides 1-8Channel telephone, 1 Channel 10/100Mbps Ethernet interface (Wire Speed 100Mbps), 1Channel Ethernet interface is switch interface, can support VLAN.

## ▶ Properties:

- Based on self -copyright IC;
- The local end can display the fiber connection status of the remote device;
- Voice port supports FXO and FXS port,Support FXO/FXS, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;;
- 1-4channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;;
- Support various sites mutual number allocation function;
- Ethernet interface can support AUTO-MDIX (crossed line and straightly connected line self-adaptable);
- External AC220/5-12V power adapter, can also be external DC-48V/5-12V power adapter;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20 $\mu$ s, the peak output voltage 6KV open standards.



## ► Specifications:

Model	Sepitam-8P1FE-T/R
Interfaces	8*telephone, 1*10/100 Mbps Ethernet, 1*Fiber interface
<b>Fiber</b>	
<b>Multi-mode Fiber (50/125um, 62.5/125um)</b>	
Maximum transmission distance	5Km @ 62.5 / 125um single mode fiber, attenuation (3dbm/km)
Wavelength	820nm
Transmitting power	-12dBm (Min) ~ -9dBm (Max)
Receiver sensitivity	-28dBm (Min)
Link budget	16dBm
<b>Single-mode Fiber (8/125um, 9/125um)</b>	
Maximum transmission distance	40Km
Transmission distance	40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
Wavelength	1310nm
Transmitting power	-9dBm (Min) ~ -8dBm (Max)
Receiver sensitivity	-27dBm (Min)
Link budget	18dBm

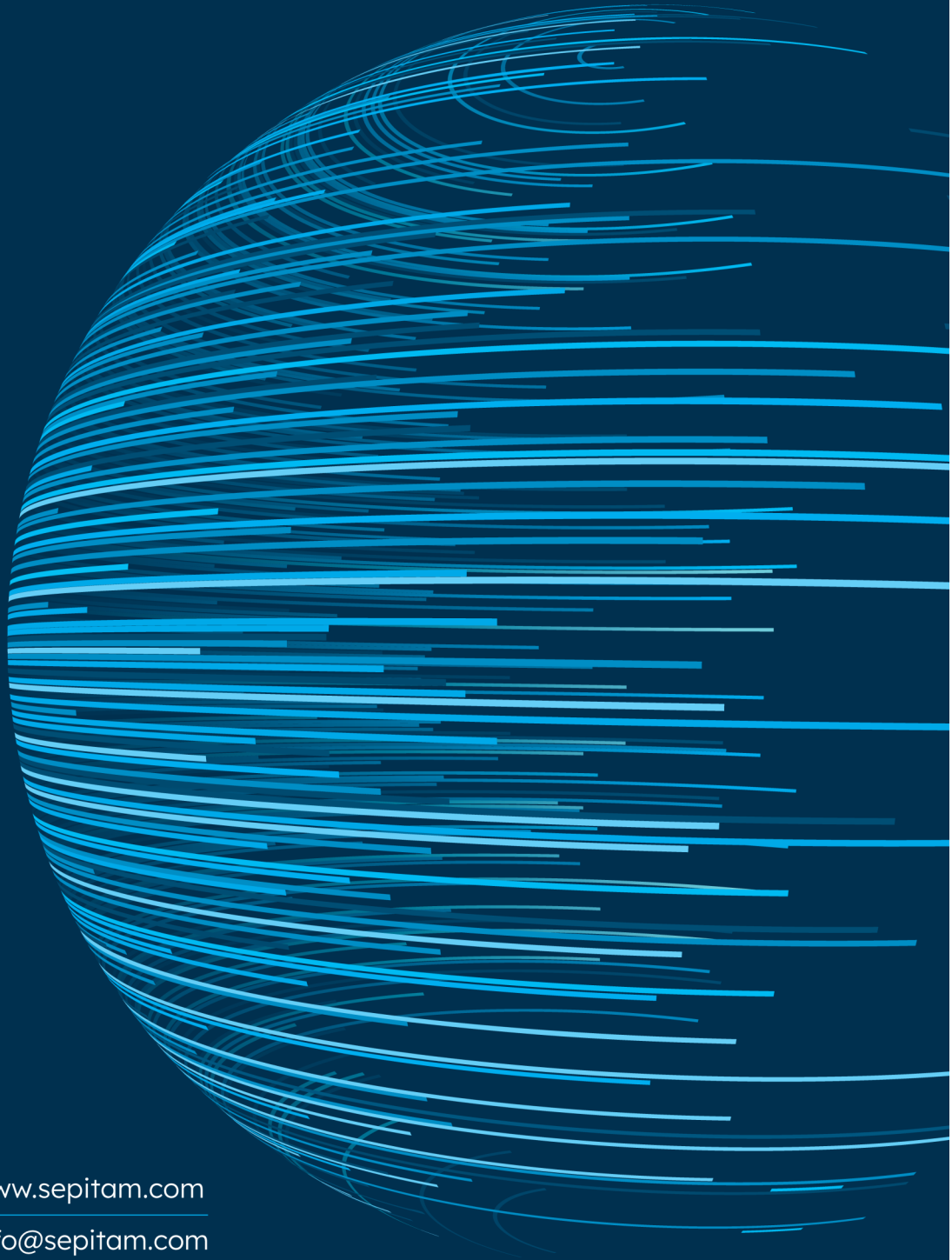


Model	Sepitam-8P1FE-T/R
<b>Ethernet interface(10/100M)</b>	
Interface rate	10/100Mbps, half/full duplex auto-negotiation
Interface Standard	Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)
MAC Address Capability	
Connector	RJ45, support Auto-MDIX
<b>FXS Phone Interface</b>	
Ring voltage	75V
Ring frequency	
Two-line Impedance	600 Ohm (pick up)
Return loss	40 dB
<b>FXO Switch Interface</b>	
Ring voltage	35V
Ring frequency	17HZ-60HZ
Two-line Impedance	600 Ohm (pick up)
Return loss	40 dB /20 dB
<b>Working environment</b>	
Working temperature	-10°C ~ 50°C



Model	Sepitam-8P1FE-T/R
Working Humidity	5%-95 % (no condensation)
Storage temperature	-40°C ~ 80°C
Storage Humidity	5%-95 % (no condensation)
Power	Power supply: DC5-12V
Dimension (W*D*H)	90*104*31 mm
Weight	0.8KG

# Technical Specification of Sepitam-8P1FE-T/R



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