

### TYPE: Sepitam-32P4E14FE4D-T/R

32ch\*Phone ,4ch\*E1 ,4ch\*Ethernet , 4ch bidirectional Data (4ch Rs232), Converter



### **Overview** :

This device provides 32Channel telephone 1-4Channel E1 interface, 4Channel 10M/100M Ethernet interface (Wire speed 100M) and 4 expansion interface. 4Channel Ethernet interface is switch interface, can support VLAN. 4 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 2M). It is very flexible.

### **Features:**

- Based on self -copyright IC
- E1 interface comply with G.703, adopts digital clock recovery and smooth phase-lock technology Voice port supports FXO and FXS port,
- Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with programcontrolled switchboard, FXS port connected to the user's telephone;
- 1~30channel Voice access, supports caller ID feature and reverse polarity billing functions
- Support various sites mutual number allocation function
- Provide 4 expansion interface, you can extend 1~4Channel asynchronous data, such as RS232/RS485/ RS422/Manchester code;1~4Channel voice, 1~8Channel switch or two/four line audio and so on
- Ethernet interface supports10M/100M, half/full duplex auto- adaptable, support VLAN
- 4Channel Ethernet interface is switch interface, support VLAN, can set to 4 channel logical isolation
- Ethernet interface can support AUTO-MDIX (crossed line and straightly connected line self-adaptable)
- 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

### **Parameters:**

### Fiber

Number of Fiber Ports: 1

Optical Wavelength: 850nm/1310nm for multi- mode optical, 1310nm/1550nm for single-mode optical interface

Fiber Core: Single/Dual fiber core

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Connector:	FC/SC/ST/LC(SFP)	
Distance :	20km-120km	
Typical output power:	ZOKIII-TZOKIII	
single mode	1310/1550nm: >-9dBm	
Receiver Sensitivity:	-28dBm~- 40dBm	
E1 Interface		
Interface Standard:	comply with protocol G.703;	
Interface Rate:	n*64Kbps±50ppm;	
Interface Code: HDB3;	n o mopo-e oppin,	
E1 Impedance:	75Ω (unbalance), 120Ω (balance);	
Jitter tolerance:	In accord with protocol G.742 and G.823	
Allowed Attenuation:	0~6dBm	
Ethernet interface(10/100M)		
Interface rate:	10/100 Mbps, half/full duplex auto-negotiation	
Interface Standard:	Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)	
MAC Address Capability:	4096	
Connector:	RJ45, support Auto-MDIX	
<b>FXS Phone Interface</b>		
Ring voltage:	75V	
Ring frequency:	25HZ	
Two-line Impedance:	600 Ohm (pick up)	
Return loss:	40 dB	
<b>FXO Switch Interface</b>		
Ring detect voltage:	35V	
Ring detection 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:	Two/Four-line Impedance: 600 Ohm	
Return loss:	20 dB	

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### Working environment

Working temperature:	$-10^{\circ}C \sim 50^{\circ}C$
Working Humidity:	5%~95 % (no condensation)
Storage temperature:	$-40^{\circ}C \sim 80^{\circ}C$
Storage Humidity:	5%~95 % (no condensation)

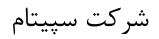
## Specifications:

Model	Sepitam-32P4E14FE4D-T/R
Functional De- scription	32 * telephone, 4*E1, 4*100 Mbps Ethernet, Console or SNMP, Support 6U rack mount, Two Fiber interface, 4*RS232/422/485
Power	Power supply: AC180V ~ 260V; DC $-48V$ ; DC $+24V$ Power consumption: $\leq 10W$
Dimension	Product Size: 485x138x45mm(WxDxH) 19 1U
Weight	2.5KG



# **Technical Specification of**

## Sepitam-32P4E14FE4D-T/R





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