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

32ch*Phone ,4ch*E1 ,4ch*Ethernet , 4ch bidi-rectional 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 program-controlled 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

Connector: FC/SC/ST/LC(SFP)

Distance :   20km-120km

Typical output power:

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;

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

FXS Phone Interface

Ring voltage: 75V

Ring frequency: 25HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

FXO Switch Interface

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: 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)

Specifications:

Model	Sepitam-32P4E14FE4D-T/R
Functional Description	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: ≤10W
Dimension	Product Size: 485x138x45mm(WxDxH) 19 1U
Weight	2.5KG

Technical Specification of

Sepitam-32P4E14FE4D-T/R

شرکت سپیتام

www.Sepitam.com