TYPE: Sepitam-8P1FE-T/R

8 Channel Phone & 1 Fast Ethernet 10/100 on Fiber

Description:

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

Features：

- 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 / 20μs, the peak output voltage 6KV open standards.

Parameters:

- **Fiber**

Multi-mode Fiber

50/125um, 62.5/125um,

Maximum transmission distance: 5Km @ 62.5 / 125um single mode fiber, attenuation (3dbm/km)

Wave Length: 820nm

Transmitting power: -12dBm (Min) ~-9dBm (Max)

Receiver sensitivity: -28dBm (Min)

Link budget: 16dBm

♦ **Single-mode Fiber**

8/125um, 9/125um

Maximum transmission distance: 40Km

Transmission distance: 40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)

Wave Length: 1310nm

Transmitting power: -9dBm (Min) ~-8dBm (Max)

Receiver sensitivity: -27dBm (Min)

Link budget: 18dBm

FXS Phone Interface

♦ **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

Return loss: 20 dB

♦ **Working environment**

Working temperature: -10°C ~ 50°C

Working Humidity: 5%~95 % (no condensation)

Storage temperature: -40°C ~ 80°C

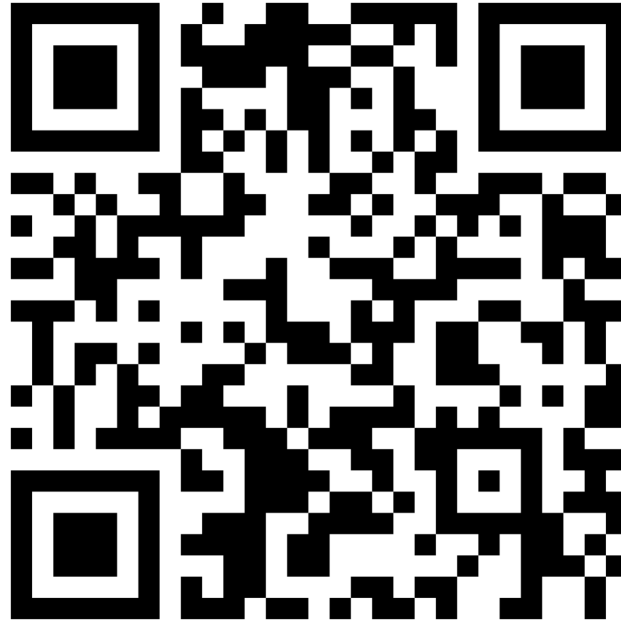Storage Humidity: 5%~95 % (no condensation)

Specification:

Model	Sepitam-8P1FE-T/R
Functional Description	8* telephone，1*100 Mbps Ethernet，1* Fiber interface
Power	Power supply: DC5-12V Power consumption: ≤10W
Dimension	Product Size: 90X104X31mm(WXDXH) mini type
Weight	0.8KG

Technical Specification of

Sepitam-8P1FE-T/R

شرکت سپیتام

www.Sepitam.com