



## TYPE: Sepitam-30P2FE-T/R

### 30 Channel Phone & 2 Fast Ethernet 10/100 on Fiber



### Description:

This device provides 30Channel telephone, 2 Channel 10M/100M Ethernet interface (Wire speed 100M). 2 Channel Ethernet interface is switch interface, can support VLAN. It is very flexible.

### Features:

- ◆ Based on self -copyright IC
- ◆ 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
- ◆ 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

multi-mode 850nm:>-18dBm

multi-mode 1310nm:>-25dBm



Receiver Sensitivity: -28dBm~- 40dBm

◆ **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)

**Technical Specification:**

Model	Sepitam-30P2FE-T/R
Functional Description	30* telephone, 4*100 Mbps Ethernet, one Fiber interface
Power	Power supply: AC180V ~ 260V; DC -48V; DC +24V Power consumption: ≤10W
Dimension	Product Size: 485*138*45mm(W*D*H) 19 1U
Weight	2.4KG



# Technical Specification of

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شرکت سپیتام



[www.Sepitam.com](http://www.Sepitam.com)