

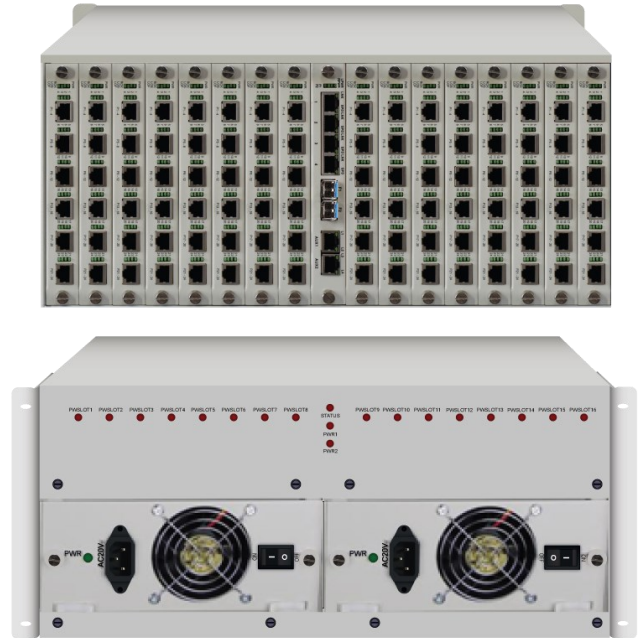


SEPITAM

ONE STEP SMARTER

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SEPITAM
384P4FE2bd-T/R



TYPE:

Sepitam-384P4FE2bd-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-384P4FE2bd-T/R
- ▶ Technical Specification of Sepitam-384P4FE2bd-T/R
- ▶ 384 Channel Phone & 4 Fast Ethernet 10/100Mbps on Fiber

▶ Description:

The series equipment is the company developed the PCM optical fiber transmission for the large scale integrated circuit on base of the developed of optical fiber transmission Provide 384*voice, 4*10/100Mbps fast Ethernet (wire speed 1000M), 2*expansion interface (RS232/RS485/RS422 asynchronous data、switch signal) Ethernet interface can exchange for each other ,and VLAN division The working is reliable, stable, and low power consumption, high integration, small size, easy of installation and maintenance.



► Properties:

- Based on self copyright IC
- The equipment for 4U 19 inch a total of optical port plate with 16 function board.
- Maximum configured to 384*Voice,if you want to configure SNMP Network management need to remove a 24 * Voice board,Configuring 1*N E1 board needing to remove a 24 * call board too.
- 384 Channel voice access, supports caller ID feature and reverse polarity billing functions
- Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone
- Support various sites mutual number allocation function
- 4Channel Ethernet interface is switch interface, support VLAN
- Ethernet interface rate is 10/100M,duplex/half duplex adaptive
- Can command the remote interface loop back to maintain the circuit
- The transmission distance is up to 2-120Km without interruption
- AC 220V, DC-48V, DC24V can be optional
- DC-48V/DC24V power has polarity automatic detection function, you can install the device without differentiation between positive and negative polarity.
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20μs, open-peak output voltage 6KV standards.

► Specifications:

Model	Sepitam-384P4FE2bd-T/R
Interfaces	384 * telephone, 4*10/100 Mbps Ethernet, E1, Console or SNMP, 2*RS232/422/485, Two Fiber interface
Functions	4U rack mount multiplexer



Model	Sepitam-384P4FE2bd-T/R
Multi-mode Fiber (50/125um, 62.5/125um)	
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
Single-mode Fiber (8/125um, 9/125um)	
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
E1 Interface	
Interface Standard	comply with protocol G.703
Interface Rate	n*64Kbps±50ppm
Interface Code	HDB3



Model	Sepitam-384P4FE2bd-T/R
E1 Impedance	75 Ω (unbalance), 120 Ω (balance);
Jitter tolerance	In accord with protocol G.742 and G.823
Allowed Attenuation	0~6dBm
Ethernet interface(10/100M)	
Interface rate	10/100Mbps, 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 voltage	35V
Ring frequency	17HZ-60HZ
Two-line Impedance	600 Ohm (pick up)



Model	Sepitam-384P4FE2bd-T/R
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)
Power	Power supply: AC180V ~ 260V; DC -48V; DC +24V Power consumption: ≤ 300W
Dimension (length*width*height)	485*365*195 mm (19 inch 4U Type)
Weight	12.5Kg/Pcs(19 inch 4U Type)

Technical Specification of Sepitam-384P4FE2bd-T/R



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