

NEW

iSAP2000

2U, Data, Ethernet, Voice E1 Managed Multiplexer

The iSAP2000 is a 2U 19" 6 slots rack type E1 Time Division Multiplexer for fractional E1 network across, which is designed for non-stop operation. There are 6 slots available for hot-swappable I/O cards and two slots are provided for power supplies. Uplink supports E1 copper connection, maximum up to 96x E1 cross connect for Voice and Data. The iSAP2000 optionally accommodates up to two separate power supplies, which may derive power from AC (110/220) or DC (-36~72V) power sources. When two power supplies are installed, the modules provide complete power redundancy and are hot swappable even during the E1 cards' transmission. The iSAP2000 provides E1 copper uplink, the maximum E1 supports up to 96 E1 channels with cross connection for Voice and Data, the interface included RS232, RS485, G64K, V35, FXS, FXO, ET100 & E&M.

Interface Cards

- E1 card: 5100-8E1, 5100-16E1
- Power modules: 2000-AC240, 2000-DC48
- I/O cards: 5100-RS232, 5100-RS232/C, 5100-N*64K/V35, 5100-G64K, 5100-ET100, 5100-E&M, 5100-FXS, 5100-FXO, 5100-RS485

Features

- Supports MAX. 96xE1 with full cross-connect, Supports DSO cross-connect
- Supports 16 channel Main E1 LTU card
- Supports E1 time slot broadcast function
- Modular design for Voice IO card, the voice IO card has two sub-module, each sub-module supports 4-port FXO/FXS
- All modules and cards support hot-swapping
- DCE card types included N*64K, RS232(Sync/Async), G703-64K, ET100, E&M, FXO, FXS...etc.
- Supports Console, Telnet, SNMP and GUI management
- Available types of power built-in : AC+AC, AC+DC, DC+DC
- Modular design, 2U 19", 6-slot for I/O cards

Specifications

5100-MS-DM-96	
NMS	10/100Base-TX
Console	RS232
5100-8E1, 5100-16E1	
Interface	Supports 8E1, 16E1 two types interface
E1 Cross connect	96xE1 transparent cross connect, supports E1, time slot
CAS cross connect	Supports 16 time slot CAS follow voice time cross connect
Line Impedance	120 / 75 ohms
Frame format	CAS(PCM30)/CCS(PCM31)
Connector	RJ45
5100-RS232	
Data rate	≤38.4kbps Async or 64/128kbps Sync
Ports	6-port
Interface	RS232
5100-RS232/C	
Data rate	9600bps, 19.2Kbps Sync/Async
Ports	6-port
Interface	RS232
5100-N*64K/V35	
Data rate	Nx64kbps(N=1~30 or 31)
Ports	4-port
Connector	V.35 Interface
5100-G64K	
Data rate	64Kbps, Co-directional, Contra-directional and Centra-directional
Ports	4-port
Connector	RJ45
5100-ET100	
Standards	IEEE 802.3, 802.3u
MDI/MDIX	Auto
Data rate	10/100Mbps
Ports	4-port
Connector	RJ45
5100-E&M	
Loop current	5~30 mA, maximum 70mA
Ports	8-port
Connector	RJ45
5100-FXS	
ITU-T Standard	G.712, G.713, G.714
Line resistance	600Ω
Off-hook current	25mA
Line distance	2km
Ports	8-port
On-hook current	10mA+/-3mA
Effective Ring	Frequency: 25Hz Voltage: 75V, peak to peak110V MAX line resistance: 1500Ω
Connector	RJ45
5100-FXO	
ITU-T Standard	G.712, G.713, G.714
Line resistance	600Ω
Line distance	2km
Ports	8-port
Caller ID	Supports DTMF, FSK Standard
Connector	RJ45
Electrical & Mechanical	
Dimensions(W×D×H)	440mm×300mm×88mm
Environmental	Operating: 0~60°C Storage: -25~70°C Humidity:10~90%, non-condensing
Power	AC 220V: 165~265V, 50~60Hz AC 110V, AC 220V: 90~265V,50~60Hz -48V:-36~-72VDC
Power Consumption	< 40W

