

4U Intergrated Access Rack

Overview:

This is 4U 17 interfaces Rack. The rack height is 4U, can insert 17 block interface conversion cards, or 1 block network management card and 16 feature cards, each card works independently. Different interface conversion cards can be inserted in and work simultaneously on the same rack. It uses communication isolation technology communication to separate system power from interface conversion card completely to ensure the reliability of the entire system.

Photo:



Features:

- Can insert various types of interface converter produced by our company
- 19-Inch 4U standard rack, using the principle of air, good rack radiating performance, ease of management and maintenance
- Can insert up to 17 hot-plug cards, each interface conversion card can achieve conversion function independently
- Two power panel slots support mutual hot spare between two power units. Each power unit can support the entire rack work full of configuration. Two power units work together through shunt on the one hand to reduce each power unit load, on the other hand by mutual hot spare to ensure if one power unit having problem within the time rack inner function panel can work
- Serial port interface lightning-protection reached IEC61000-4-5 (8/20 μ S) DM(Differential Mode): 6KV, Impedance (2 Ohm), CM(Common Mode): 6KV, Impedance (2 Ohm) standard
- Fully meet Telecom operation requirements, Mean time Between Failures (MTBF) is more than 50,000 hours.

Parameters:

◆ Serial interface

Standard

EIA/TIA-232 RS-232 (ITU-T V.28)

EIA/TIA-422 RS-422 (ITU-T V.11)

EIA/TIA-485 RS-485 (ISO/IEC8284)

Serial Interface

RS-422: TXD+, TXD-, RXD+, RXD-, Signal Ground

RS-485 4 wires: TXD+, TXD-, RXD+, RXD-, Signal Ground

RS-485 2 wires: Data+(Correspond TX+), Data- (Correspond TX-) , Signal Ground

RS-232: RXD, TXD, Signal Ground

◆ E1 interface

Interface Standard: comply with protocol G.703;

Interface Rate: 2048Kbps±50ppm;

Interface Code: HDB3;

Impedance: 75Ω (unbalance), 120Ω (balance);

Jitter tolerance: In accord with protocol G.742 and G.823

Allowed Attenuation: 0~6dBm

◆ Power

Maximum number of power modules: 2 power modules

Maximum power parameters of the function card: DC5V/1.5A (7.5W)

Power consumption: 100W

◆ 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	Model Number: TS-Rack E1-Seriel
Functional Description	4U Rackmount , Can insert various types of interface converter , Video fiber Transceiver , Fiber modem , PDH , PCM
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC +24V
Dimension	Product Size: 443X365X195mm (WXDXH)
Weight	8kg