



Model7210

Desktop Installation

1-way 100M Ethernet to 4-way E1 Protocol Converter

- Support local / remote loopback test
- Support local clock and recover clock setting
- Support Ethernet 10M/100M rate and full / half duplex setting
- Support 220VAC power supply



It adopts FPGA technology design. Its E1 port is in accord with ITU-T G.703 protocol, and Ethernet port is in accord with 10/100Base-T(X) standard and supports 10/100Mbps Ethernet speed. Ethernet port supports 10M/100M self-adaption and full/half self-adaption, and automatic detection of available channel number in 4-way E1 line, including automatic bandwidth allocation. 1-4 way E1 line allows 16ms maximum transmission delay of data frame order between any two E1 lines, ensuring that device could operate stably and reliably under all kinds of complex network situation.

Technical drawing of the front panel of the 10/100/1000 Ethernet switch. The top section shows a power switch with 'ON' and 'OFF' positions, a power button, and two rows of four RJ45 ports each. The bottom section shows a 10/100M Ethernet port, a status LED array, and a row of 16 status LEDs. Dimensions are indicated: 146.3 mm for the top section and 42.7 mm for the bottom section. The overall width is 227.4 mm.

Specification

E1 Port	Line Rate: 2.048Mbps×4=8.192Mbps Transmission Distance: 2Km Clock Recovery Accuracy: ±50ppm Allowable Transmission Delay: 10ms Interface Code Pattern: HDB3 Frame Format: un-framing CRC Check: No Clock Frequency: 2.048MHz Interface Connection: BNC Interface Impedance: 75Ω (BNC) Interface Protection: 1500V Electromagnetic isolation Interface Protocol Standard: aligns with the recommendation of ITU-TG.703 Output Jitter Transfer: meets the recommendation of ITU-TG.735 Input Jitter Tolerance: meets the recommendation of ITU-TG.823 Output Jitter: meets the recommendation of ITU-TG.823
Ethernet Port	Interface Rate: 10/100Mbps Transmission Distance: 100m Protocol Standard: IEEE802.3 (support VLAN function) Line Code: Manchester code Operation Mode: 10/100Base-T(X) full/half duplex Interface Connection: RJ45 Interface Protection: 1500V Electromagnetic isolation Connection Cable: connect to PC through crossover cable ; connect to HUB/SWITCH through straight through cable
Indicator	Power indicator, Ethernet port indicator, E1 indicator, loopback test status indicator
Power Supply	220VAC
Power Consumption	≤2W
Environmental Limit	Operating temperature range:-25~70℃ Storage temperature range: -40~85℃ Relative humidity: 5% ~ 95% (no condensation) Atmospheric pressure: 86~106KPa

Physical Characteristic	Dimension (L x W x H): 227.4mm×146.3mm×42.7mm Shell: Plastic Weight: 260g
Certification	CE、FCC、RoHS
Warranty	Warranty period: 3 years

Ordering Information

Models	E1 (BNC)	10/100M Ethernet	Power Supply
MODEL7210	4	1	220VAC



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