

IT-7210-PC

10/100M Ethernet to 4×E1 Bridge

Features

1. Using 4 E1 line transparent transfer Ethernet data
2. Support pretend random coding loop test
3. E1 (G.703) interface support 120ohm (RJ-45) and 75ohm (BNC double coaxial)
4. Ethernet port support 10M/100M full-duplex/half-duplex
5. 1U, 19 inch RACK



Introduction

The IT-7210-PC inverse multiplexers transmit up to 8 Mbps channel over multiple E1 links. They bridge the gap between E1 and E3, allowing bridges and routers to operate at their fastest rates. The IT-7210-PC have a built-in 10/100 Ethernet bridge with VLAN

support for LAN-to-LAN applications over 4 E1 links. The IT-7210-PC fully meets all of the E1 specifications including G.703, G.704. The unit features diagnostic capabilities for performing remote loopback tests

Specification

E1 interface

Standard: Comply with ITU-T G.703
 Output tingle displace: accord ITU-TG.735 advice
 Input tingle limit: accord ITU-TG.823 advice
 Output tingle: accord ITU-T G.823 advice
 Frame format: unframed
 Interface rate: 2.048Mbps × 4 = 8.192Mbps
 CRC checkout: no
 Port coding: HDB3
 Port transmission: 2KM
 Port protection: 1500V electromagnetism isolate
 Port connector: 120 Ohm (RJ-45) and 75 ohm (BNC double coaxial)

Connectors: RJ45 (10/100 Base-T Electrical)

Line code: Manchester Encoding

Connect line: Connect PC with cross-over

Connect HUB/SWITCH with straight-through

Environment, Power and Dimension

Working temperature: -25 to 70°C

Storage temperature: -40 to 85°C

Humidity: Relative humidity 5% to 95%

Input power: 220VAC or -48VDC

Consumption: 2W

L×W×H: 483mm×160mm×44mm

Weight: 460g

Warranty: 3 years

Approvals: FCC, CE, RoHS approvals

Ethernet port

Interface Types: 10/100BaseT, full/half duplex
 Standards Compliance: IEEE 802.3(support VLAN)
 Bit Rate: 10/100BaseT limited to Max 2.048 Mbps

Packing List

1. IT-7210-PC Ethernet Bridge ×1
2. 220V power line ×1
3. User manual ×1

