# MODEL7210

## 10/100M Ethernet to 4×E1 Bridge

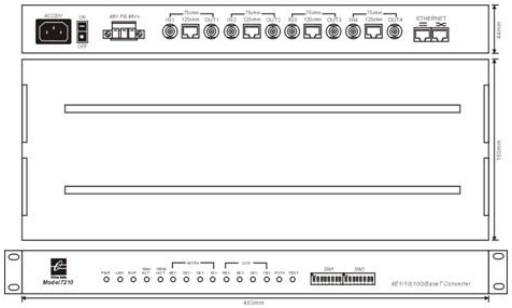
### Features



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 MODEL7210 inverse multiplexers transmit up 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 MODEL7210 have a built-in 10/100 Ethernet bridge with VLAN support for LAN-to-LAN applications over 4 E1 links. The MODEL7210 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)

**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

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**

## Packing List

1. MODEL7210 Ethernet Bridge ×1
2. 220V power line ×1
3. User manual ×1