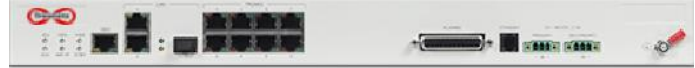




TreuRack Series

Rack Mount IDU - Indoor Unit

TR-208



Product Description

TR-208 is a carrier class indoor unit that provides up to 8 x E1/T1 interfaces (software configurable), 2 x Ethernet ports, 1 x SFP Port and Dry Contacts interface.

TR-208 supports independent clock per each TDM port and wide range DC power feeding.

TR-208 is a scalable solution that is compatible with TreuNetz PtP radio portfolio.

Product Highlights

- Carrier class indoor unit
- Supports 8 x TDM ports
- Configurable TDM interface type (E1/T1)
- Supports independent clock per each TDM port
- Wide range DC power feeding
- Ease of operation and maintenance





Product Specifications:

TDM Interface	
Number of Ports	8
Type	E1/T1; configurable by TreuNetz Manager
Framing	Unframed (transparent)
Timing	Independent timing per port, Tx and Rx
Connector	RJ-45
Standards Compliance	ITU-T G.703, G.826
Line Code	E1: HDB3 @ 2.048 Mbps; T1: B8ZS/AMI @ 1.544 Mbps
Latency	Configurable 5-20 ms (default: 8 ms)
Impedance	E1: 120Ω, balanced; T1: 100Ω, balanced
Jitter & Wander	According to ITU-T G.823, G.824
Monitored Hot Standby	1+1 architecture supported
Ethernet Interface	
PoE interfaces	1
Ethernet ports	2x10/100 BaseT; Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3
Connector	RJ-45
Impedance	100Ω
SFP Interface	1xFE SFP Port
VLAN Support	Transparent
Maximum Frame Size	2048 Bytes
Bridge	Layer 2, self-learning of up to 1024 MAC addresses (IEEE 802.1Q), Hub/Bridge selectable
Latency	3 ms
Dry Contact Alarms	
Dry Contact Interface	4 Outputs + 4 Inputs; configurable by TreuNetz Manager
Mechanics	
Dimensions	44(w) x 5(h) x 21(d) cm
Weight	1.4 kg / 3.09 lbs
Power	
Power Feeding	Dual redundant power feeding; -20 to -60VDC 2.5A
Power Consumption	<10W
Environmental	
Operating Temperatures	0°C to 50°C / 32°F to 122°F
Humidity	Up to 90% non-condensing
Safety	
TUV	IEC/EN 60950-1, UL 60950-1, CAN/CSA-C22.2 No. 60590-1
EMC	
ETSI	EN 300 386, EN 301 489-1, EN 301 489-4
FCC	Class B Part 15 Subpart B
CAN/CSA	ICES 003 CISPR 22 Class B
AS/NZS	CISPR22 Class B

Ordering Info

Part Number: TR-208

Description: TreuNetz - TreuRack (RackMount IDU) , 8 x TDM Ports, 2 x Ethernet Ports, 100 BaseT Interface and 1 x SFP Port.

