



TreuDop Series

Desk Top IDU - Indoor Unit
TD-202



Product Description

TD-202 is a carrier class indoor unit that provides up to 2 x E1/T1 interfaces (software configurable) and 2 x Ethernet ports. TD-202 supports independent clock per each TDM port and wide range DC power feeding. TD-202 is a scalable solution that is compatible with TreuNetz PtP radio portfolio.

Product Highlights

- Carrier class indoor unit
- Supports 2 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	2
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
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
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
Mechanics	
Dimensions	22(w) x 4.5(h) x 18(d) cm
Weight	0.45 kg / 0.99 lbs
Power	
Power Feeding	-20 to -60VDC 1A
Power Consumption	<5W
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 301 489-4
FCC	Class B Part 15 Subpart B
CAN/CSA	ICES 003 CISPR 22 Class B
AS/NZS	CISPR22 Class B

Ordering Info

Part Number: TD-202

Description: TreuNetz - TreuDop (DeskTop IDU), 2 x TDM Ports, 2 x Ethernet Ports, 100BaseT Interface .

