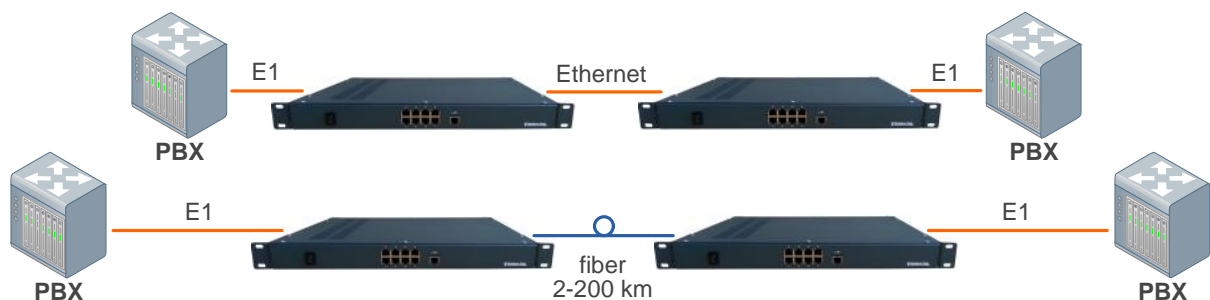


Interface Converter E1 to Ethernet

Features

- From 1 to 8 E1 streams
- Transfer of uncompressed voice traffic
- 1x Gigabit Ethernet port, 1x SFP slot
- Integrated WEB interface, Telnet
- IPv4, IPv6, UDP, RTP, L2TPv3, MPLS, Metro Ethernet
- Voice and data transfer using the bandwidth with maximum efficiency



Specification

Network Interface

- **Interface** – 10/100 BASE-T Ethernet
- **Standards** – IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX
- **Type/rate** – 10/100 Mbps autodetection, cable autodetection, full-duplex, half-duplex
- **Number of interfaces** – 4
- **Connector type** – RJ-45, SFP

User Interfaces

- **E1 Interfaces**
- **Standards** ETS 300 166, ETSI TS 101 135, ITU-T Rec. G.703, G.704, G.706, G.711, G.732, G.755, G.796, G.823, G.824, I.431
- **Number of interfaces** – max 8
- **Rate** – 2.048 Mbps
- **Impedance** – 120/ 75 Ohm
- **Connector type** – RJ-45
- **Coding** – HDB3
- **Framing** – Unframed, CAS, CCS, CRC4

Interface Ethernet

- **Standards** - IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.1p VLAN, IEEE 802.1q QoS, IEEE 1P/Q Tagged VLAN, IEEE 802.1D Spanning tree
- **Number of interfaces** – 2
- **Type/rate** – 10/100 Mbps autodetection, cable autodetection, full-duplex, half-duplex
- **Number VLAN** – max 512

Management

- **remote management** – Telnet, HTTP

Design Specifications

- **EUROPACK 19"**, 1U form factor
- **Weight** 2,3 Kg

Power Supply

- **Voltage** – 12V (+/-20%) or 60V (+/-20%)
- **Power Consumption** – t 10W

Operating conditions

- **Operating temperature:** 0° at +60°
- **Humidity:** 80% at t 25°

Overview

TDMoIP Gateway is designed to provide TDM traffic transfer using IP networks as transmission media.

E1 to Ethernet Converter provides transparent transfer of TDM signaling allowing to connect devices equipped with E1 interfaces via high-rate packet switch networks.