

SIP/E1 Media Gateway

Digital VoIP Gateway for integration TDM and IP, IMS, NGN Networks

Features

Network interfaces

- **TDM** – up to 16 E1 interfaces
- **SIP and RTP (up to 480 VoIP links)** – 10/100 BASE-T Ethernet
- **Management** – Dual redundant 10/100 BASE-T Ethernet, RS-232

Signaling protocols

- **IP** – SIP, SIP-T, SIP-I, RTP, RTCP, TCP, UDP
- **PSTN** – SS7, ISDN PRI (DSS1, QSIG), V5.2, R2 MFC

Feature support

- **Voice codecs** – G.711, G.723, G.726, G.729
- **DTMF** – RFC2833, SIP INFO, RFC 2976
- **Fax** – fax over G.711, T.38 fax relay
- **Registration and Authentication** – up to 5000 SIP-subscribers
- **Registration** – SIP-trunks
- **Synchronous Ethernet SyncE** (Option)

Control & Management

- User GUI via Embedded Web Server
- Syslog Telnet (for CLI)
- SNMPv2 monitoring
- RADIUS login

Security

- Integrated firewall
- Password protected access, SSH



Power

- Single/Dual-redundant 220 VAC or 48/60 VDC Input
- Up to 28W Power consumption

Dimensions

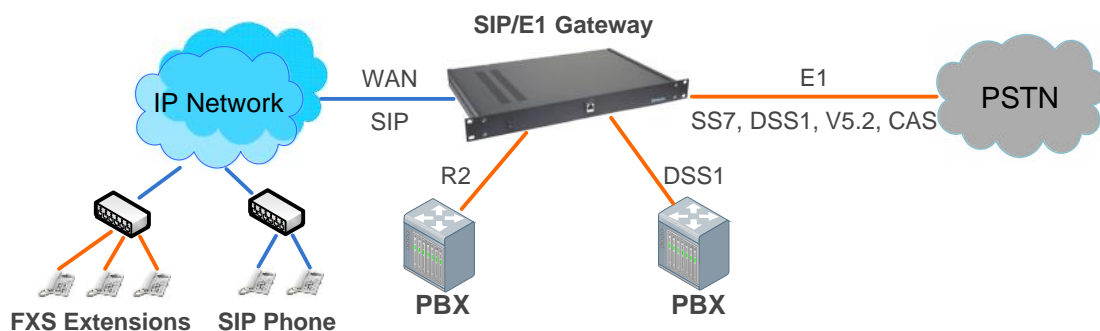
- EUROPACK 19" 1U high, weight 2,5 kg

Operating environment

- Operating temperature: 0° to +60°
- Humidity: up to 80% at +25°

Application

- Gateway for integration TDM and VoIP network
- Digital TDM Switch – switch of E1 interfaces
- Signaling Converter – SS7 (MTP2, MTP3, ISUP), ISDN PRI (DSS1, QSIG, Q.931) V5.2, R2 MFC, R1.5
- Multiplexer E1 flows



Overview

SIP/E1 Media Gateway (Digital VoIP Gateway) is used in different options of conjugation of IP and TDM/PSTN networks for minimization of expenses and reduction of operational costs.

Support of all types of signalings being used on the PSTN network allows to use the equipment for reconstruction and upgrade of all types of Telephone Exchange used on a network.