



Data sheet

Housing

Size: 210 x 184 x 32 mm
1 HE for 19" systems

Weight: 1050 g

Interfaces

- 2 x ISDN PRI: TE mode for trunk interface
- 2 x ISDN PRI: NT mode to insert in trunk lines, „Power-off-loop“ interconnect two PRI interface in power off status
- 1 x ISDN interface in TE and NT mode, for routing, admin, synchronizing, backup or other
- 2 x Ethernet: RJ 45 interface 10/100-BASE-TX (auto negotiation), Power over Ethernet (802.3af, Class 3)

Slot for Compact Flash Cards Type I

Hardware

Power supply:
internal mains adapter, 100-240 V, 15 W
or
Power over Ethernet (802.3af, Class 3)

Digital Signal Processor (DSP)
for codecs up to 60 voice channels
128 MB SDRAM, 16 MB Flash

Operation temperature: 0 °C to +45 °C,
Humidity: 10% to 90%
(not condensed)
Storage temperature: -10 °C to +70 °C

VoIP protocols

H.323 version 5
SIP version 2, conform RFC 3261
SIP over UDP, TCP, TLS, SIPS
RTP, SRTP, RTCP
T.38 (Fax)

Voice Codecs:

G.711 A-law / μ -law,
G.729AB,
VAD, CNG,
Dynamic Jitter Buffering
Echo Compensation: G.168

Network

- PPPoE, manual or automatic connection after boot
- PPTP Tunneling up to 32 tunnels simultaneously, encoding via MPPE
- NAT, H.323-NAT
- RSTP, IEEE 802.1x
- VLAN-ID
- NTP support

ISDN

- Routing VOIP-ISDN, ISDN-ISDN, VOIP-VOIP
- Automatic dial tone European and US Standard
- ENUM for H.323 and SIP protocols
- Protokolle EDSS1, QSIG, T1-CAS, E1-CAS
- Plays recorded messages deposited on CF card or on a web server

Administration

Password protected administration via web-browser, Kerberos server

Log and trace files, Display of interface and connection status, Ping – connection test for Internet Protocol, Sending SNMP Traps

Save and reload config files, Boot code and firmware update via HTML upload, Automatic update via update server

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