



Data sheet



Housing

Size: 210 x 144 x 32 mm
1 HE for 19" systems
Prepared for wall mounting

Weight: 800 g

Interfaces

1 x Ethernet: RJ 45 interface 10/100-BASE-TX
(auto negotiation), Power over Ethernet
(802.3af, Class 3)

2 x a/b interface, FXS, international RJ-11,
two PINs in the middle used

Hardware

Power supply:
Power over Ethernet (802.3af, Class 3)
or
external power supply
Power consumption: see wiki-article
„HowTo:Power Consumption“

Digital Signal Processor (DSP)
for codecs up to eight voice channels
16 MB SDRAM, 8 MB Flash

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

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 (DHCP and LLDP/MED support)
NTP support

Administration

Password protected administration via web-
browser

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

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

Supplementary services

- Call transfer with and without consultation
- Call hold / retrieve with music on hold
- Call waiting acoustic and optical signaling of waiting calls
- Calling Line Identification Presentation (CLIP)
- Calling Line Identification Presentation Restriction (CLIR) Call completion on busy and no reply
- DTMF tone detection & ringing
- Separate volume settings for external devices
- Call forwarding unconditional, busy and no answer
- Lock & unlock using PIN
- Do not disturb, for internal and external calls separately
- Call pick-up, global and for specific numbers
- Call park and unpark
- Separate login and logout for user groups

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