



## Data sheet



### Housing

Size: 210 x 134 x 32 mm  
1 HE for 19" systems

Weight: 680 g

### Interfaces

- 1 x ISDN BRI: TE and NT mode for trunk interface
- 2 x analog interface international RJ-11 (2 x LEDs for Link), FXS
- 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:  
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 four 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

### innovaphone PBX

Platform for up to 50 registrations

### 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 /  $\mu$ -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

### 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
- 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

**Order number: 01-00302-001**