



## Data sheet



### Housing

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

Weight: 1050 g

### Interfaces

- 1 x ISDN PRI: TE and NT mode for trunk interface
- 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:  
Power over Ethernet (802.3af, Class 3)  
Power consumption: see wiki-article „HowTo:Power Consumption“

Digital Signal Processor (DSP) for codec's up to 42 voice channels

512 MB SDRAM, 32 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 3200 registrations  
Conference server, up to 42 subscribers

### Linux Application Platform

for additional software Unified Communications CTI, ACD and reporting

### 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, T1-CAS, E1-CAS
- Plays recorded messages deposited on CF card or on a web server

### Administration

Password protected administration via web-browser, HTTPS, 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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