



## Data sheet



### Housing

Colour display, 320 x 240 pixels (3.5 inch)  
Telephone keypad  
2 x 6 dynamically assigned function keys  
9 special keys  
Measurements: 21 x 15.5 x 3.5 cm (base)  
Weight: ca. 630 g

### Interfaces

2 x fast Ethernet (100 Mbit/s): RJ45 interface  
with "Power over Ethernet" according to  
802.3af and "Energy Efficient Ethernet"  
according to 802.3az  
Connector for power supply

### Hardware

Power supply:  
innovaphone power unit: 12 V 6 W  
Power over Ethernet according to 802.3af,  
Class 1  
Operating temperature: 0 °C to +45 °C,  
Storage temperature: -10 °C to +70 °C  
Humidity: 10% to 90%  
(non-condensing)

### Voice codecs

G.711 A-law,  $\mu$ -law  
G.722,  
Dynamic Jitter Buffering  
Acoustic echo compensation

### VoIP protocols

H.323 Version 5  
SIP Version 2, conform RFC 3261  
SIP over UDP, TCP, TLS, SIPS  
RTP, SRTP, RTCP  
H. 460.17 / ICE

### Network

PPPoE protocol, manual/automatic call  
connection after start  
PPTP up to 32 parallel tunnels, encryption with  
MPPE  
NAT, H. 323 NAT  
SRTP, DTLS, IEEE 802.1x  
VLAN-ID (DHCP and LLDP/MED support)  
NTP support

### Administration

Password protected access via web browser,  
HTTPS  
Save and readout configurations  
Automatic update via Update server

### Features (excerpt)

- Dialogue guidance in 19 languages, can be extended
- International character set (UTF-8)
- Internal directory with search function and name resolution
- Integration LDAP compatible database as telephone directory
- Partner keys showing Presence and call status
- Partner functions to external PBXs via SIP Federation
- Announcement function, for authorised subscribers
- Multiple registration for up to 6 subscribers
- Call Completion on busy (CCBS) and no reply (CCNR)
- Display message waiting
- Hands-free and open listening
- Mute, deactivates microphone for a short time
- Three party conference, also with external subscribers
- Separate login and logout in call groups
- Pick up general calls or explicit calls directed at other subscribers
- Lock and unlock via PIN
- Call diversion: unconditional, on busy and on no answer
- Park and pick up calls
- Generate DTMF tone
- Call transfer, with/without consultation
- Hold, supported by Music-on-Hold
- Transmit subscriber name along with signalling
- Call waiting, respective signalling of waiting call to caller

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