innovaphone

PURE IP-COMMUNICATIONS

innovaphone IP222

IP phone with 12 function keys
for innovaphone PBX

Data sheet

Housing

Color display, 320 x 240 pixel (3.5 inch)
2 x 6 function keys
Phone keypad
4 direction navigation
Size: 215 x 150 x 30 mm (base)
Weight: ca. 430 g

Interfaces

2 x Gigabit Ethernet: RJ 45 interface incl.
    "Power over Ethernet" 802.3af and
    "Energy Efficient Ethernet" 802.3az
3 x USB 2.0 (each 100 mA)
Interface for external PSU

Hardware

Power supply: external PSU: 12 V, 6 W
Power over Ethernet 802.3af, Class 2
Operation temperature: 0 °C to +45 °C,
Storage temperature: -10 °C to +70 °C
Humidity: 10% to 90%
(not condensed)

Voice codecs

G.711 A-law, µ-law
G.722, G.722.2 (AMR-WB)
G.729A
VAD (Voice Activity Detection),
CNG (Comfort Noise Generation),
Dynamic Jitter Buffering
Echo Compensation G.168

VoIP protocols

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

Order number:
01-00222-001 (black)
01-00222-002 (white)

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, HTTPS
- Save and reload config files
- Automatic update via update server

Supplementary services (excerpt)

- User interface in 16 languages, others on request
- International character set (UTF-8)
- Internal telephone directory with search function and name resolution
- Integrated LDAP compatible database as telephone directory
- Partner keys displaying availability and call status
- Partner functions to external PBXs over SIP Federation
- Announcement function
- Multiple registration up to six users at the same time
- Call Completion on busy and no reply
- Message Waiting Indication
- Hands free speaking (no open listening)
- Do not disturb
- Mute
- 3 party conference
- Separate login and logout for user groups
- Call pick-up, global and for specific numbers
- Lock & unlock using PIN
- Call forwarding unconditional, busy and no answer
- Call park and unpark
- DTMF tone detection & ringing
- Call transfer with and without consultation
- Call hold / retrieve with music on hold
- Transfer subscriber name for signalling
- Call waiting acoustic and optical signaling of waiting calls