innovaphone
PURE IP COMMUNICATIONS

innovaphone IP101

IP entry phone for desktop or wall mounting
to the innovaphone PBX

Data sheet

Housing
Monochrome/LCD display, 128 x 32 pixels
Telephone keypad
10 special keys
Measurements: 16,4 x 16,1 x 3,7 cm (base)
Weight: ca. 590 g

Interfaces
2 x fast Ethernet (100 Mbit/s): modular Jack 8P8C (RJ45) with „Energy Efficient Ethernet" according to 802.3az and „Power over Ethernet" according to 802.3af
Connector for external power supply

Hardware
Power supply
innovaphone power unit: 12 V 6 W
Power over Ethernet according to 802.3af, Class 1
128 MB DDR3, 16 MB Flash
Operating temperature: 0 °C to +45 °C,
Storage temperature: -10 °C to +70 °C
Humidity: 10% to 90%
(non-condensing)

Voice Codecs
Opus-NB, Opus-WB
G.711 A-law, µ-law
G.722
G.729A
Dynamic Jitter Buffering
Acoustic echo compensation

VoIP Protocols
H.323 Version 5, incl. proprietary extensions
H.323 over UDP, TCP, TLS (H.460.17)
SIP Version 2, conform RFC 3261
SIP over UDP, TCP, TLS
RTP, SRTP (SDES, DTLS), RTCP, ICE

Network
PPPoE, manual or automatic connection after boot
PPTP Tunneling up to 4 tunnels simultaneously, encoding via MPPE
NAT, H.323-NAT, STUN, TURN over UDP/TCP
RSTP, EAP-TLS/EAP-MD5 acc. to IEEE 802.1x
VLAN-ID acc. to IEEE 802.1q
DHCP support
LLDP support for VLAN configuration
NTP support

Administration
Password protected administration via web browser, HTTPS
Save and reload config files
Automatic update via update server

Supplementary Services (Excerpt)
- Dialogue guidance in 19 languages, can be extended
- Announcement function, for authorised subscribers
- Multiple registration for up to 6 subscribers
- Call Completion on busy (CCBS) and no reply (CCNR)
- Display message waiting
- Mute, deactivates microphone for a short time
- Three party conference, also with external subscribers
- DTMF tone generation and recognition
- 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
- Speakerphone, open listening

Order number: 01-00101-001

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PURE IP COMMUNICATIONS

innovaphone IP102

Gigabit IP entry phone with interface for USB headset for desktop or wall mounting to the innovaphone PBX

Data sheet

Housing
Monochrome/LCD display, 128 x 32 pixels
Telephone keypad
10 special keys
Measurements: 16,4 x 16,1 x 3,7 cm (base)
Weight: ca. 590 g

Interfaces
2 x Gigabit Ethernet (100 Mbit/s): modular Jack 8P8C (RJ45) with „Energy Efficient Ethernet" according to 802.3az and „Power over Ethernet" according to 802.3af
Connector for external power supply
1 x USB 2.0 port for headset connection

Hardware
Power supply
innovaphone power unit: 12 V 6 W
Power over Ethernet according to 802.3af, Class 1
128 MB DDR3, 16 MB Flash
Operating temperature: 0 °C to +45 °C,
Storage temperature: -10 °C to +70 °C
Humidity: 10% to 90%
(non-condensing)

Voice Codecs
Opus-NB, Opus-WB
G.711 A-law, µ-law
G.722
G.729A
Dynamic Jitter Buffering
Acoustic echo compensation

VoIP Protocols
H.323 Version 5, incl. proprietary extensions
H.323 over UDP, TCP, TLS (H.460.17)
SIP Version 2, conform RFC 3261
SIP over UDP, TCP, TLS
RTP, SRTP (SDES, DTLS), RTCP, ICE

Order number: 01-00102-001

Network
PPPoE, manual or automatic connection after boot
PPTP Tunneling up to 4 tunnels simultaneously, encoding via MPPE
NAT, H.323-NAT, STUN, TURN over UDP/TCP
RSTP, EAP-TLS/EAP-MD5 acc. to IEEE 802.1x
VLAN-ID acc. to IEEE 802.1q
DHCP support
LLDP support for VLAN configuration
NTP support

Administration
Password protected administration via web browser, HTTPS
Save and reload config files
Automatic update via update server

Supplementary Services (Excerpt)
- Dialogue guidance in 19 languages, can be extended
- Announcement function, for authorised subscribers
- Multiple registration for up to 6 subscribers
- Call Completion on busy (CCBS) and no reply (CCNR)
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