



IP-GAP-01

VoIP Door Entry Phone **for audio transmission**, « hands-free », vandal-resistant for **NOISY ENVIRONMENTS** :

■ **Pictograms display and automatic speech announcements to meet the requirements for accessibility for people with disabilities**

■ 1 direct call button

The IP-GAP-01 allows for:

■ a point-to-point communication (Peer to Peer) **or**

■ the connection via a SIP server.

Functions

■ Telephone

■ Full duplex voice communication

Technical data

■ 1 call button

■ **Inductive loop amplifier as communication aid for hearing aid users**

■ Redial if busy or if no answer (1 - 4 call numbers)

■ **Audio amplifier: maximum volume at a distance of 1m = 80dB**

■ Management of call parameters: communication time, button activation time, ring time for outgoing calls, volume...

■ Management of time lock zones

■ Pictograms display associated with product functions

■ Automatic speech announcements (dialling, communication ..., door opening) - HD audio quality

■ Data encryption (audio and video): SRTP / ZRTP / SIP-TLS

■ 2 relays for door open command **or** remote control of external elements (line seizure information)

■ 1 input for external contact **or** voltage **with the possibility to define time lock zones**

■ Updates:

· LDAP-update of the phonebook

· system update by downloadable file

■ Real-time monitoring of device status:

→ On access code keying, outgoing calls, door opening, loss of SIP server...

→ In case of power failure

■ Real-time display of the device screen on the web page

Power supply

■ Network: PoE+ *or*

■ PoE+ injector and **IP network access protection - AMPHITECH NetCut** *or*

■ External power supply unit: 24 VDC - **AMPHITECH BAS 2415**

Power consumption:

· Idle: 99 mA

· In communication/Audio adjustment medium level: 200 mA

· In communication/Audio adjustment maximum level: 360 mA

Mechanical design

■ **Surface** mount - Dimensions 278 x 123 x 51 mm *or* **Flush** mount - Dimensions 275 x 120 x 43 mm

■ Degree of protection **IP 65 - IK 09**

■ Temperature range: -20°C to +60°C

■ Stainless steel faceplate 2.5 mm - 10 mm safety glass face plate

Options and accessories

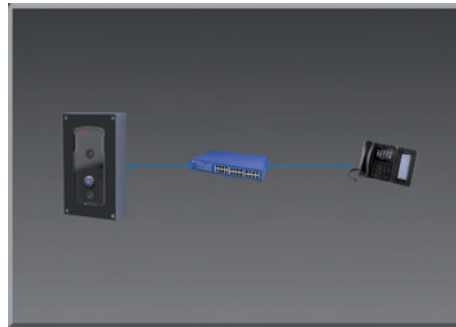
■ Surface mount housing BSV 70 - 278 x 123 x 80 mm **or** BS70 - 278 x 123 x 60 mm (not included in delivery)

■ Flush mount housing BM70 - 275 x 120 x 58 mm for installation in masonry constructions (not included in delivery)

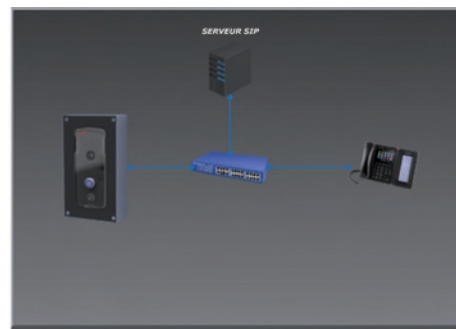


IP-GAP-01

Point-to-point communication (Peer-to-Peer)



Connection via a SIP server



Configuration

- Access via web server
- Basic programming; advanced programming via specific web interface
- Network parameter setting, SIP account, audio- and video codecs
- Point-to-point communication (Peer-to-Peer)
- Communication via SIP server (group call, conference call, queue management, messaging...)
- Management of 3 SIP accounts on different IP-PBX
- Communication protocols: SIP (RFC3261), IPV4, TCP/UDP, HTTP, HTTPS, RTP, DHCP/STATIC/NAT, RFC 6086 INFO Method, DTMF RFC 2833, RFC 2976 SIP INFO
- Audio codecs: G.722, G.711u, G.711a, GSM, Speex 8k, Speex 16k, Speex 32k, G.726-16, G.726.32, G.726-24, G.726-40, AAL2-G.726-16, AAL2-G.726-32, AAL2-G.726-24, AAL2-G.726-40, opus, AMR.-32
- Report of system events: downloadable files, SYSLOG, notifications by e-mail (SMTP-Client)
- Language selection (configuration, operation mode): French, German, English, Spanish, Portuguese
- Type of time setting: manually or via NTP server
- Automatic clock change – winter time / summer time

