



IP-GAP-02V

VoIP Door Entry Phone for **audio-video 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-02V 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
- Video camera (active during communication or streaming) - viewing angle 90° - CMOS Sensor IR Cut Filter
- Snapshot function in streaming mode: when the button is pressed to set off a call, the unit takes a picture and sends it by e-mail to the recipient.
- **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 / maximum level = 360mA

Mechanical design

- **Surface mount** - Dimensions 213 x 123 x 51 mm or **Flush mount** - Dimensions 210 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
- Flush mount housing BM100 for installation in masonry constructions (included in delivery)

Options and accessories

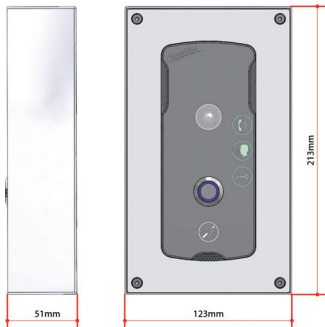
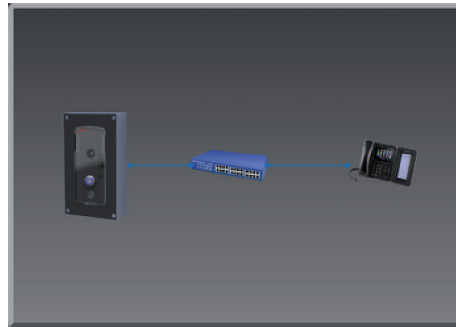
- Surface mount housing BSV100 - 213 x 123 x 71 mm (not included in delivery)



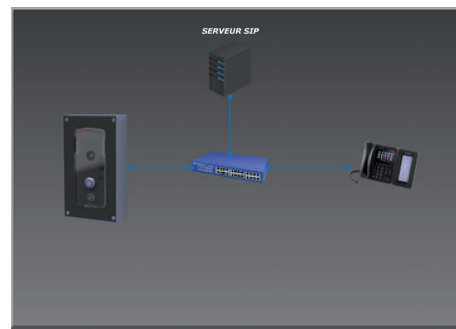


IP-GAP-02V

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
- Video codecs: H264, H263, H263p, VP8. Video during a call: Qcif or Cif – Video- streaming: Resolution 320 x 240 or 640 x 480 (secured access) - MJPEG
- 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

