



## Pancode / Pantel IP

### Access control IP Door phones for IP-based PBXs

- Designed for pure IP environments
- Central control on multiple doors
- Remote opening from distant sites
- Stylish and prestigious design
- Live IP video streaming
- Anti-vandal & weather resistant steel housing
- Protected against water droplets and dust (IP55 and IP65\* standard)
- Electromagnetic compatibility for industrial environments (IEC 61000-6-2; IEC 61000 Part 3)

Maximum Durability  
in a Stylish Design

\* For specific orders only

The Pancode IP and Pantel IP are smart access control door phones which maximize the exceptional functionalities of the IP network.

Connected to the IP PBX as a SIP extension, the units allow communication and controlling of one or more doors in multiple buildings operating on one converged IP network.

The Pancode IP & the Pantel IP (single-button version) are a combination of stylish design, sought after by the most prestigious environments looking for a high-quality rugged steel housing that can withstand years of extensive usage. Its Piezo technology, anti-vandal and weather-resistant housing make it perfect for nearly any outdoor environment.

An integrated IP video server inside the unit allows users to view high quality, real-time video streaming from any standard web browser.

## VoIP Interface

### Main Features:

- Crystal Sound Quality
- Compatible with : Broadsoft , Epygi , Elastix
- Full duplex voice modes
- 2 separate Remote door opening - *NEW*
- 2 separate password for each door opening - *NEW*
- Day / Night mode with Auto Round Robin
- Piezzo keypad door access codes
- Direct dialing and speed dialing modes
- SIP Proxy account
- Configuration and maintenance via authorized Web-based interface
- DHCP client or Fixed IP support
- DTMF handling by RFC 2833 & SIP info
- Input Door Status detectors - *NEW*
- Extra 3 output with integrated RGB controller - *NEW*
- Pancode Identify via GUI - *NEW*

### Optional add on:

- High-resolution integrated , real time video stream H.263 & H.264
- Up to 2 / 4 video cameras.

### Perfect Solution for:

- Organizations who need central access to multiple doors
- Universities & large campuses
- Detention centers
- Companies with a pure IP PBX

### Technical Specification:

|   |   |
|---|---|
| <b>Access code:</b>                       | Up to 9 digits keypad code (Pancode),   |
| <b>Power supply:</b>                      | 12V DC; 12V AC ; POE  |
| <b>Comm. interface:</b>                   | Ethernet for VoIP/SIP and web-programming   |
| <b>Relay switching current:</b>           | 2A Max  |
| <b>VoIP protocol:</b>                     | SIP; RTP; RTCP  |
| <b>Supported codec's:</b>                 | G.711 PCM ( $\mu$ A-Law), G.723, G.726 optional G.722 G.729   |
| <b>Echo canceller:</b>                    | G.168-2002 compliant with programmable echo tail of up to 128 msec. Full duplex, acoustic Echo Canceller  |
| <b>Quality enhancement:</b>               | Comfort Noise generation (CHG), Packet Loss Concealment (PLC), Adaptive Jitter Buffer (up to 300 msec)    |
| <b>IP media features:</b>                 | Automatic Gain Control  |
| <b>DTMF Detection &amp; Presentation:</b> | RFC2833, SIPinfo  |
| <b>Dimensions: Piezo:</b>                 | 19.4x10.2x1.8cm Flush mount: 23.3 x13.8x 2.5cm  |
| <b>Weight:</b>                            | 0.9 kg  |
| <b>Protection Level:</b>                  | IP53, IP54, IP55, IP65*   |
| <b>Electromagnetic standard:</b>          | EN 55022 Class B:, CFR 47 FCC Class B, IEC 61000, AS/NZS CISPR 22:2004 Class B:, EN 55024:, EN 61000-6-2: |
| <b>Operating temperature:</b>             | -10°C to +50°C / 14°F to 122°F  |