



## Access Control Door Phones

# Pancode / Pantel IP

## Access control 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
- Anti-vandal & weather resistant steel housing
- Protected against water droplets and dust (IP54 standard)
- Electromagnetic compatibility for industrial environments (IEC 61000-6-2)

Maximum Durability  
in a Stylish Design

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.

Sold by:



<http://www.TWAcomm.com>  
Toll Free: (877) 389-0000

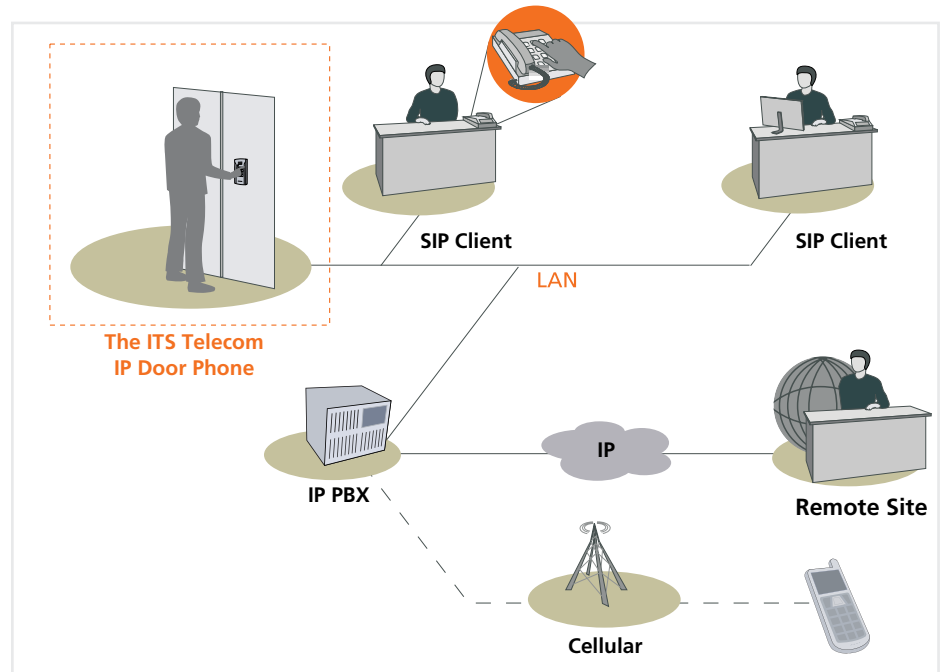
# VoIP Interface

## Pancode / Pantel IP

An IP-based Access Control Door Phone

### Main Features

- High quality audio
- Full duplex voice modes
- Remote door opening
- Voice activation
- Day / Night mode
- Multiple numbers of door access codes
- Power-over-Ethernet (PoE)
- Direct dialing and speed dialing modes
- SIP Proxy registration
- Configuration and maintenance via Web-based programming interface
- DHCP client support
- Net-based searching utility
- DTMF handling by RFC 2833 & In-band



Connecting through an IP network

### Perfect Solution for:

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

### Technical Specifications

<b>Access codes:</b>	Up to 10 entries (Pancode)
<b>Power supply:</b>	12V AC; 1.5A or Power over Ethernet IEEE 802.3af compliant
<b>Comm. interface:</b>	Ethernet for voice and for programming
<b>Relay switching current:</b>	2A max
<b>VoIP protocol:</b>	SIP; RTP; RTCP
<b>Supported codecs:</b>	G.711 PCM ( $\mu$ A-Law) at 64 kbps, G.726 ADPCM at 16-40 kbps, G.727 E-ADPCM at 16-40 kbps, G.729 A/B CS-ACELP at 8kbps, G.723.1 MP-MLQ at 6.3 kbps, G.723 ACELP at 5.3 kbps, GSM 6.10 Full Rate at 13.2 kbps, GSM Enhanced Full Rate 12.2 kbps, AMR at 4.75-2.2 kbps, G.729E at 11.8 kbps
<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>In-Band Signaling, detection &amp; generation:</b>	DTMF TIA464B
<b>Dimensions:</b>	19.4 * 1 0.2 cm / 7.64*4"
<b>Weight:</b>	0.9 kg / 1.98 Lbs
<b>Protection Level:</b>	IP54
<b>Electromagnetic standard:</b>	IEC 61000-6-2
<b>Operating temperature:</b>	-10°C to +50°C / 14°F to 122°F



**Headquarters**  
29 Hametzuda St.  
Azur 58001, Israel  
Tel: +972 3 5576868  
Fax: +972 3 5576942  
[its@its-tel.com](mailto:its@its-tel.com)  
[www.its-tel.com](http://www.its-tel.com)

**USA**  
500A Lake St. Ramsey, NJ 07446  
Tel: 201 785 8912  
Toll-free: 800 991 8186  
Fax: 201 785 8916  
[its.usa@its-tel.com](mailto:its.usa@its-tel.com)  
[www.its-tel.com](http://www.its-tel.com)