

# ProTalk IP Door Entry Systems



The ProTalk IP Door Entry Systems are based around a slimline SIP door phone which registers as an extension to any SIP based phone system. Callers at your door can talk to you whether you are on site or not. The camera option shows real-time video on either a computer or Snom 800 series SIP telephone. ProTalk also offers a range of supporting kits to implement or enhance full door entry control including magnetic locks, battery backups or keyfob entry.



Twin button with camera



Single button no camera

## Talk to callers before letting them in

The ProTalk Door Entry system consists of a door phone unit designed to sit on the outside of your premises plus a series of optional additional parts to make a complete door entry solution.

Each door phone model is slimline with a depth of just 40mm. They comprise a SIP telephone, integrated speaker and microphone and either one or two buttons to place calls. There are also two relay switches which allow operation of external devices such as door openers or lights from most phones.

The system can be set into day or night modes with different call numbers for the single or dual buttons. For example, at night, callers could be referred to a voicemail box or the call could be placed to a mobile phone. Day or night mode can also be controlled manually using DTMF tones from the phones in a remote office.

If you want to identify who is at your door before you answer the phone or before letting them in, then the door phone is available with a built-in IP camera supporting up to 640x480 video at 5fps. This video can be viewed in a web browser, a free stand alone PC application or on the screen of a compatible IP phone.

## Key Features

### Door Entry Control Unit

- Talk to callers, look at callers, then open the door
- SIP Protocol, works with most modern IP phone systems
- Options for single button which places a call to one number/group or two buttons which call different numbers/groups
- Optional IP camera to view real time video on a computer or Snom 800 series phone screen. Up to 5 frames per second
- Two internal relays controlled by DTMF tones to control door openers or lights
- Powered from 12v DC (battery back up option) or Power-over-Ethernet

### ProTalk Supporting Kits

- A range of electronically controlled door opener devices to connect to the door phone.
- 12v power supplies with battery back up option.
- Exit switches.
- Can be bundled as complete door entry kits.

## Snom Video Integration

The ProTalk door entry systems seamlessly integrate with snom phones and the video camera models are ideal for working with snom 800 series. The real time video is streamed to the colour screen of the 821 and 870 and can be viewed at any time. There is no need for any 3rd party software or PBX support to view the video stream.



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COMPANY REGISTRATION NO: 3748320 REGISTERED IN ENGLAND AND WALES

# Technical Data (door phone)

## Physical and Power:

- 185x99x40mm (HxWxD)
- Body material: anodized aluminum and ABS plastic
- 802.3af Power-over-Ethernet
- 12v DC connector (if not using PoE)

## VoIP:

- Session Initiation Protocol (SIP RFC3261)
- Registers to a SIP Registrar/SIP PBX
- Audio codecs supported: G711a, G711u, G726-32, GSM
- Video codecs supported: H.263, H.264
- Echo Cancellation
- Symmetric RTP

## Video:

- Resolution support: 640x480, 352x288, 320x240, 176x144, 160x120
- Frame rate: 1 to 5 fps
- Adjustable brightness, contrast, colour, hue and gamma from web GUI
- Video access in VoIP call (RTP) or sequential JPEG from web GUI
- High intensity white LEDs for picture lighting during dark hours with internal light sensor (only with IP video option)

## Management:

- HTTP web interface with password protection
- Video viewer in web GUI
- Extract log files from web GUI (SIP trace, call log, general log)
- Telnet command line interface
- Log to syslog server
- Editable web GUI language file

## Door Entry Features:

- Choice of single or dual buttons
- Backlit buttons
- Buttons dial an extension or group when pressed
- Two internal SPDT relays for controlling a door opener or light etc.
- Relays controlled individually by DTMF tones
- Configurable time for relay closing/opening
- Multiple relay modes (latch on, latch off, on for number of seconds, relay one on and then relay two on after delay)
- Volume control for speaker
- Gain control for microphone
- Camera permanently operational, not just during calls
- Auto-night mode with LED illumination
- Max call length setting

## Time of Day Routing:

- Buttons call different numbers in day or night modes
- Set open/closed times from web interface
- Control open/closed using DTMF

## Networking:

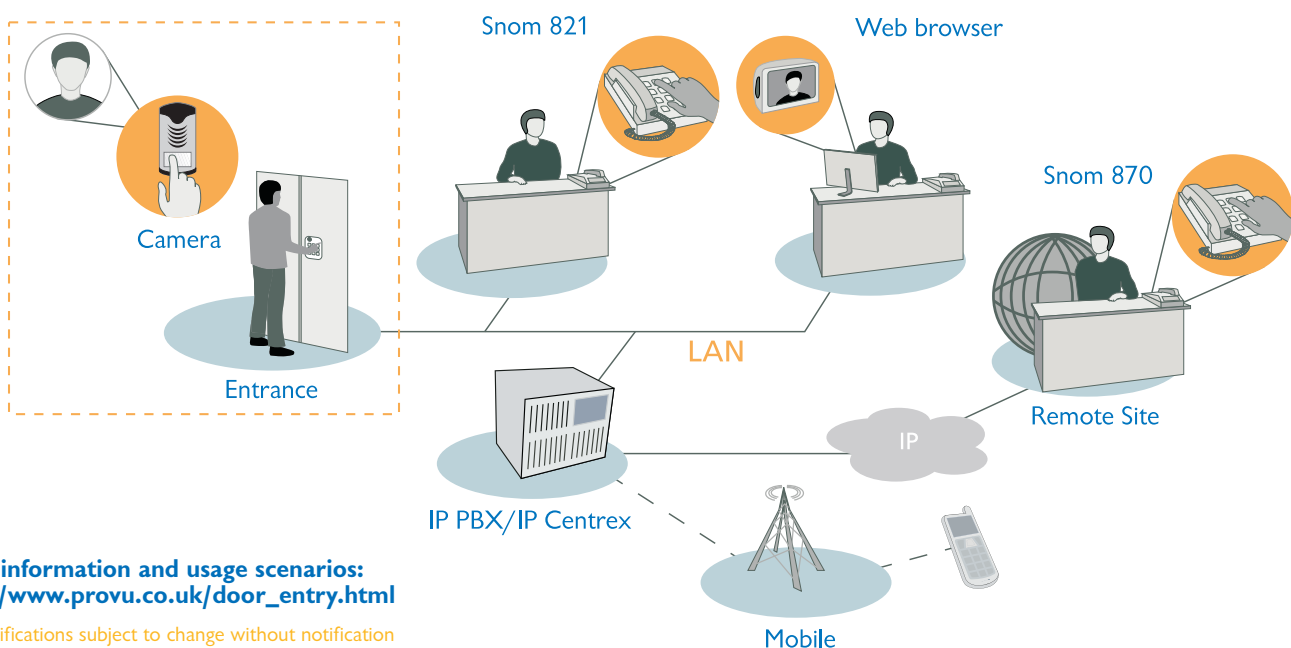
- 10/100Mbps Ethernet connection
- DHCP Client or static IP
- Network-Time-Protocol
- HTTP & telnet management interface
- Log to syslog server

## Usage Scenarios

- Office door phone with on-site or hosted IP-PBX
- Remote site entry over Internet
- Apartment/flat intercom with door access control

Part Code	Video	Buttons	Vandal Resistant
PT-Door01	-	1	-
PT-Door01C	Y	1	-
PT-Door02	-	2	-
PT-Door02C	Y	2	-
PT-Door01CAV	Y	1	Y

## ProTalk Door Entry System



More information and usage scenarios:  
[http://www.provu.co.uk/door\\_entry.html](http://www.provu.co.uk/door_entry.html)

All specifications subject to change without notification

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