Touch IP Intercom Door Station

Intercom Screen, Front View

The Touch IP Intercom Door Station allows 2-way communication via a SIP compatible IP PBX switch to IP Phones, Soft Phones, Mobile Phones (via GSM gateway), and Touch Interfaces.

Video (h.263) from front door to any compatible SIP video enabled device - Touch Interfaces or Video Handsets.

Scales from corporate buildings to multi-unit developments down to high end residential. The IP intercom station works with any IP PBX and runs on standard network cabling.

Product Highlights

- *Allows 2-way audio and 1-way video SIP communications to all Embedded Interfaces and IP Phones*

- *An on-screen directory system allows dialling of a particular extension - great for multi-unit intercom, hotel rooms, corporate environments, or even a large residence.*

- *Mount behind laminated glass and integrate into architectural features*

- *Military Spec electronic components ensure long life*

- *5 Year Warranty*

Features and Benefits

Through Glass Touch

Mount behind vandal proof glass for a seamless and complete presentation

Customize the glass to suit corporate branding

Unique system allows unit to stick to glass, thereby increasing options for mounting locations

Mount in block walls (wall kit) or behind plate glass (surface mount kit)

The Door Station connects to the IP PBX as a logical extension to the phone system

Only requires network and power connections via conduit

Speaker and microphone options include glass transducer or third party external recessed ceiling/ wall speaker

Directory search by unit, room, name or number

Call groups allow one or many ip phones/touch interfaces to be called

Retrofit options for a standard residential, commercial or corporate IP communications network

Video streaming requires IP PBX with h263 compatible video

Raises configurable events from the bell-press including a chime, video popup window as well as any defined scenes, macros or logic.

Modules and Drivers

Included:
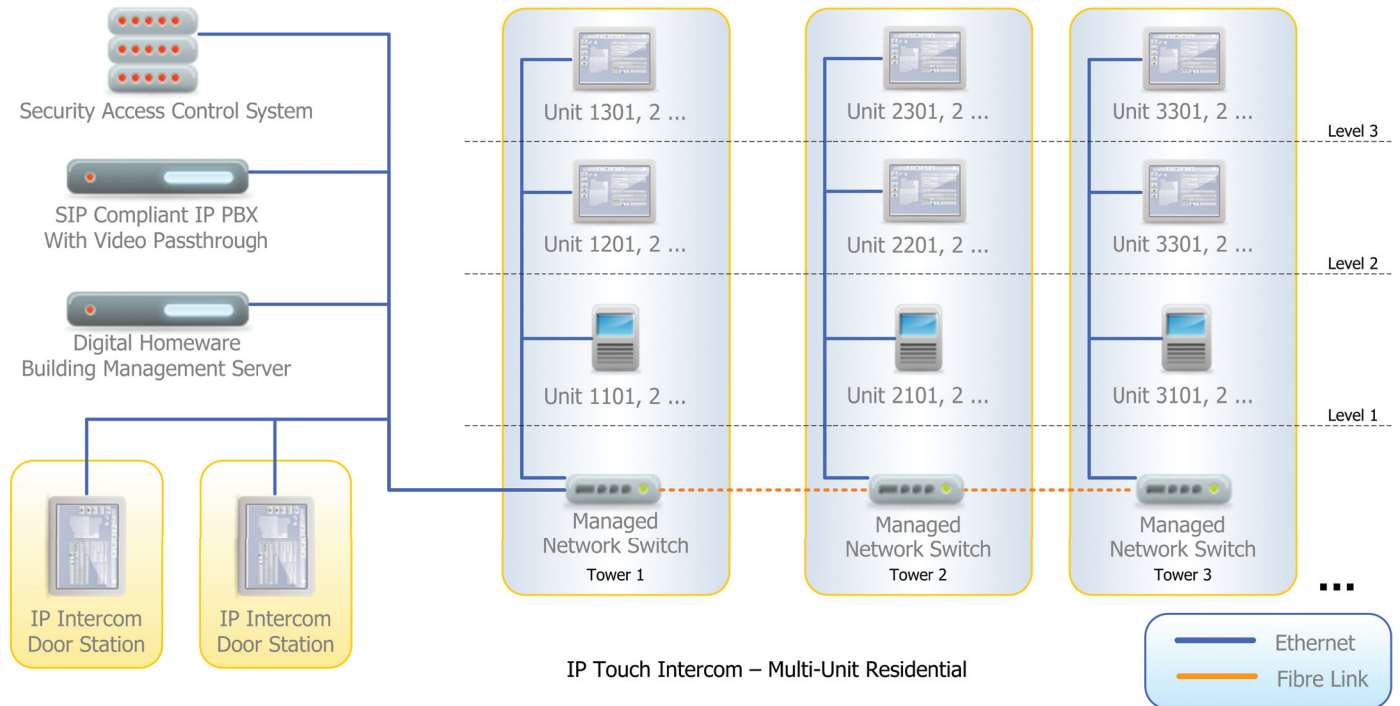
VOIP Intercom Module

Required:

IP PBX with SIP compatible & Video Support (if required)

VOIP handsets connected to IP PBX with Video Support (if required)
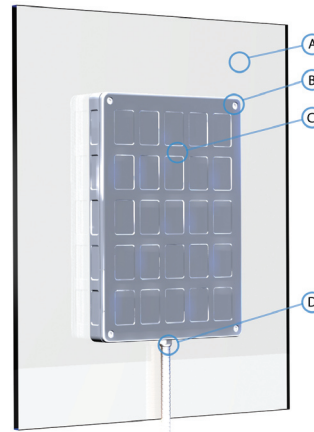
Touch Interface 15TI, 12WTI

Schematic   **VOIP-INTERCOM**

Security Access Control System

SIP Compliant IP PBX
With Video Passthrough

Digital Homeware
Building Management Server

IP Intercom Door Station

IP Intercom Door Station

Unit 1301, 2 ...   Unit 2301, 2 ...   Unit 3301, 2 ...   Level 3

Unit 1201, 2 ...   Unit 2201, 2 ...   Unit 3301, 2 ...   Level 2

Unit 1101, 2 ...   Unit 2101, 2 ...   Unit 3101, 2 ...   Level 1

Managed Network Switch   Managed Network Switch   Managed Network Switch
Tower 1   Tower 2   Tower 3   ...

IP Touch Intercom – Multi-Unit Residential

— Ethernet
— Fibre Link

Specifications

- 1 = Contact Microphone bonded to glass
- 2 = Camera contained in housing
- 3 = Contact Speaker - standard transducer, bonded to glass
- 4 = Custom Graphic for project
- 5 = Glass mask custom painted - could be corporate or project logo
- 6 = Through Glass Touch
- 6 = Screen sprung loaded to sandwich to glass
- 7 = Plate glass
- 8 = Fixes to glass using special polymer compound

- A = Glass, Inside face
- B = Hex bolts for service access
- C = Milled Aluminium back, Custom Logos on request
- D = Gland and conduit containing: 2 core flex (DC Power); Cat 6 (10/100 Ethernet)

General:

Connects to SIP compatible PBX (including Asterisk 1.2/1.4)

Asterisk 1.4 or compatible required for SIP routing of video signal

Directory defaults to manual, can be tied to directory of SIP Switch

Power Consumption:

2.8A @ 12VDC

Display:

Size: 12.1"Inch diagonal

Type: TFT LCD

Resolution: 768 x 1024 (XGA portrait)

Colours: 262,144

Active Area: 184mm W 245mm H

Anti-glare: Haze 25%

Transmissive Mode: Normally Black

Projective capacitive touch screen

Operable through glass up to 20mm

Operable through laminate layer in glass

Engine:

Fanless embedded operating system

No moving parts

Platform: VIA CX700M

Processor: VIA Eden Esther 1.2Ghz

Memory (system): 1024mb

Memory (video): 64mb (shared)

Ethernet: 10/100 Base-T

Environmental and Mechanical:

Material: Aluminium casing, metal skeleton frame

Weight: 4kg

Operating Temperature: 0 ~ 70 degrees C

Operating Humidity: 0 - 90 % relative

Dimensions (engine) mm: 245 x 375 x 62