

## Doorphone Entry Systems for IP Office

### Overview

Doorphones offer convenience and security. Depending on the needs of the environment, doorphones may allow internal users to not only speak with someone who is outside, but also to easily allow the visitor entrance to the facility or residence. Doorphones can be connected to the Avaya IP Office base unit in a variety of ways, providing design flexibility based upon needs.

All of the IP Office base units include an external output port. Connections of doorphones to these ports enable the user to gain access to the premises through default system short codes, through the optional Phone Manager Pro application, and through the optional VoiceMail Pro application. The flexibility of the IP Office provides the ability for short codes to be customized to a code more desirable for users. By using the Phone Manager Pro application, users can label the icons within the application a descriptive name such as Receiving Door or Front Door. The flexibility of VoiceMail Pro allows the visitor to enter a predetermined code from the phone granting access. This scenario is particularly useful in areas when co-workers are working at another site. Additionally, many doorphones can be connected to station or trunk ports available on IP Office.

### The Avaya IP Office system offers three doorphone solutions to choose from:

- Universal Doorphone System
- Kalika Communications Doorphone Entry System
- Interquartz Doorphone

### Universal Doorphone System:

- System consists of a controller and a speaker.
- The speaker is mounted securely on the wall and is connected to the controller, which normally resides in the equipment room. The controller is connected to a trunk port.
- Users with the trunk appearance will be notified when a visitor has pressed the Push button located on the weatherproof speaker.
- Each controller supports two speakers, for example Front Door and Back Door.
- Custom ringing mode distinguishes doorphone calls from external calls.
- Call waiting tones indicate which doorphone is calling and distinguish a doorphone call from an external line call.
- Calls can be placed on hold when visitors call from the doorphone.
- Commercial or residential security is provided via two-way hands-free communication from a door or gate.



### Kalika Communications Doorphone Entry System:

- Supports a doorway intercom system with up to 46 buttons.
- The system can be programmed to enable multiple extensions to answer and control the operation of the door and can be used with both single and multiple door entry systems.
- It is ideal for apartment complexes or where different companies occupy different floors and require their own unique door entry solution.
- The Kalika Communications Control Unit is available in several versions and is equipped to provide two-way voice communications, electrical lock control and label lamps.
- It is weatherproof and remotely programmable.

### Interquartz Doorphone:

- Choice of models (1, 2, and 4 button)
- Slim design (16mm thick)
- Strong aluminum casing
- Optional PC configuration
- Remotely programmable via DTMF
- Connection via analog extension port or trunk port
- Relay lock control
- Backlit inlay cards
- Internal heating system
- Day/Night service
- Combination lock control

## Specifications

### Universal Doorphone System

**Power:** 120V AC/13.8V AC 1.25A, UL-listed adapter provided  
**Dimensions:** 133mm x 89mm x 44mm (5.25" x 3.5" x 1.75")  
**Shipping Weight:** 0.9kg (2lb)  
**Environmental:** 0° C to 32° C (32° F to 90° F) with 5% to 95% non-condensing humidity  
**Door Strike Relay Contacts:** 5A @ 30V DC/250V AC maximum  
**Auxiliary Relay Contacts:** .5A @ 125V AC, 1A @ 30V AC  
**Connections:** RJ11 jacks (2), 12-position terminal block (1)  
**Pulse Dialing Detection:** 10pps  
**Talk Battery:** 30V DC  
**Maximum Doorphone Speaker Power Supply Length:** 100ft, 24awg wire

### Kalika Communications Doorphone Entry System (www.kalika.co.uk)

**Power:** 12V =/~ necessary for lock opening and lighting  
**Tone:** DTMF and pulse  
**Restriction of Call Duration:** 1–9 minutes  
**Temperature:** range 20° C to +70° C

### Interquartz Doorphone (www.interquartz.co.uk)

**Power:** 12V =/~ for relay, light and heating  
**Surface Mounting:** 153mm x 104mm x 16mm  
**Weight:** 360g  
**Unit Material:** Elox aluminium profile  
**Tone:** DTMF and pulse  
**Compliance:** RoHS  
**Operational Temperature:** -20° C to +50° C

NOTE: Not all doorphone options are available in all regions.