

What's a Cellular Network Intercom

As phone companies try to get people off wired telephone lines by making them more expensive, cellular phone networks are increasingly replacing landlines. A cell network intercom uses a cell phone modem instead of a hardwired telephone line to provide the exact same service, but at a lower cost. In addition there is no need to run a telephone wire between the gate or door and the inside of a building. Like any mobile phone, these intercoms can call any phone number.

Multi-Tenant Modular Wireless Cellular Intercom Eliminates Need For Expensive Tenant Station Wiring

This wireless, modular multi-tenant building intercom handles up to 25 tenants. Tenants use their landline phones or cell phones to answer calls. If using their cell phones they can answer calls whether they are home or not.

When a visitor calls a tenant the intercom can call up to four telephone numbers in sequence until someone answers. Therefore important deliveries or visitors won't be missed. Pressing a key on the tenants telephone keypad unlocks a door or activates a gate opener.

To configure this intercom you start with a main controller module and power supply. Then you choose a housing and modules that supports the number of tenants you have. We then custom build this system for you based on the modules you select.

This kit does not include the housing or the keypad. You choose the housing you want depending on how you want to mount the unit and the number of modules in it. There are wall-mount, flush-mount, and pedestal-pole-mount options to choose from. You can also choose an optional keypad based on whether you want to have a proximity card reader or not. The card reader lets people enter using a credit card-sized card or a keyfob.

The intercom uses GSM-based cell services like AT&T, T-Mobile, Consumer Cellular, and others in the US, or any carrier in Canada. The intercom also comes with a SIM card (Subscriber Identification Module) that can be activated for a monthly or yearly fee.

Installation is simple. The intercom just requires an AC outlet nearby, two wires run to the gate controller (or electric door strike), and cell phone service activation. Then you program in the tenant information using an app on your smartphone or tablet PC (or a computer application).

Included in the IO1057 Kit

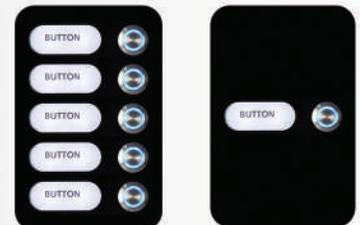


Cell/Speaker Module

24VDC Power Supply

How to Build a System

Choose button modules for the number of units you have:



Choose an Optional Keypad with or without Proximity Card Reader



Keypad

Keypad with Proximity Card Reader

Choose a housing to fit all the modules and method of mounting



Wall-Mount

Architectural

Flush-Mount

Features and Specs

- ▶ Tough yet attractive, vandal resistant, steel construction GSM-based intercom
- ▶ Wireless with no range limit (just requires cell phone service at the mounting point)
- ▶ Speak to your visitor from anywhere in the world
- ▶ Grant access from your mobile phone
- ▶ Calls up to 4 numbers in sequence
- ▶ Supports up to 25 apartments
- ▶ Individual buttons for calling tenants
- ▶ High-definition voice on LTE service
- ▶ Call status LEDs (for DDA hearing impaired visitors)
- ▶ Programmable via a free Android or iPhone app
- ▶ Built-in time clock for auto opening and closing of gates, barriers, or doors in busy periods or for daytime operation
- ▶ Automatic Trigger Events per Week: 50
- ▶ Do not disturb feature
- ▶ Management can latch or hold the gate open through the app
- ▶ Keypad for coded access and direct apartment number dialing (choose keypad from Related Items)
- ▶ Keypad Backlighting: Blue / White
- ▶ Keypad Confirmation Key: * = Keypad Code confirm | # = Start/End Call
- ▶ Visitor Keypad codes (4 digit): Permanent: 250; Time-restricted: 250; Temporary: 50
- ▶ If optional proximity card reader is installed: Permanent cards: 250; Time-restricted cards: 250; Temporary cards: 50
- ▶ Visitor Caller ID numbers for door opening: Permanent: 250; Time-restricted: 250; Temporary: 50
- ▶ Proximity Cards/Tags per apartment: 3
- ▶ Keypad codes 4 digits
- ▶ Programmable with phone app, PC, or by SMS remotely.
- ▶ Events Log (check last 20 events, most recent first)
- ▶ Quad band modem plus 4G capability.
- ▶ On screen reception indicator for easier diagnostics.
- ▶ Compatible with AT&T and T-Mobile networks. Requires a nano-SIM card.

- ▶ 2 relay outputs with Normally closed or Normally open mode.
- ▶ Relay Load: 2 amps, 24v AC max
- ▶ Power supply 24v DC 2A included
- ▶ Power surge protection provided (still recommend a lightning rod be installed to protect the unit)
- ▶ Power consumption 45mA standby, 310mA when dialing with up to 2 amp spikes.
- ▶ 4-watt speaker provides extra volume for noisy applications
- ▶ Temperature range: -20 degrees Celsius to +50 degrees Celsius
- ▶ Ingress Protection: IP55
- ▶ Approvals: FCC, CE
- ▶ 2-year manufacturer's warranty

