

INTRATONE DOOR ENTRY VIDEO SYSTEM WITH ACCESS CONTROL



PRODUCT SPECIFICATION

Q1 2021

intratone

INTRATONE® DOOR ENTRY SYSTEMS – GENERAL SPECIFICATION

General requirements

The object of this specification is the description of the door entry system of the tasks listed below, although this list is not exhaustive.

- All works shall conform to the best principals of modern practice. The contractor shall carry out a full and detailed site survey prior to ordering and carrying out any works. This will allow for any anomalies to be accounted for so the manufacturer can adjust the type of product required, i.e. letters on the address number "1A, 1B..."
- The survey must include positions of existing door entry systems, standalone fob readers, **GSM signal strength**, power supplies and the like.
- All wireless GSM door entry and access control equipment must be vandal resistant and from the **same manufacturer** (all-in-one solution) granting access to a remote, secured and cloud-based management allowing IMMEDIATE system updates.
- All door entry and access control equipment shall have **THREE years** parts only manufacturer's warranty.
- The manufacturer must provide the fully pre-programmed and "ready to use" system including key fobs in accordance with the end client's instructions (see PROGRAMMING section).

Technology

The technology used will be GSM only. There will be **no traditional handsets** in the apartments as this will be a wireless GSM door entry system.

- The system will call from the communal entrance door entry panel to either video calls to smart phones or tablets, or the system will call on audio to standard phone devices and landlines.
- The system will communicate with the management website via the GSM module.
- The information received from the GSM website will be stored on the central unit.
- **No traditional handsets or cabling to individual apartments can be permitted. The contractor may provide tablets or smart mobiles for the residents only at the discretion of the end client.**

Communications

The **manufacturer Intratone** shall provide **2 options** depending on the amount of door entry systems and apartments said door entry panels will be calling:

- **A monthly ongoing all-inclusive SIM card charge** that will allow for unlimited calls, updates, and communication for the SIM/GSM module.
- **An all-inclusive 15-year data package** that will allow for unlimited calls, updates, and communication for the SIM/GSM module.

The SIM cards used must be free roaming world SIM from EE.

Pay as you go, or SIM cards provided by anyone other than the manufacturer of the same system are prohibited.

Programming, training and data management

Programming, account set up and several training sessions shall be provided by the manufacturer's programming department **free of charge**.

No software required. All data can be managed on a secured cloud-based management website <https://www.intratone.info> or through the free application.

The data management on the secured cloud-based management website **is included in the service package** either through a monthly ongoing all-inclusive SIM card charge or an all-inclusive 15-year data package; **no extra cost shall be applied**.

"My Intercom-Intratone" available for smart devices.

The following data is required:

- Residence name and address
- Flat number
- Minimum of 1 phone number for each dwelling (only if void property can it be left blank)
- A secondary divert number is available too if resident requests it
- Number of fobs per flat (recommended 3 colours to be universally used throughout all stock-black, blue, red)
- Any other special requirements, i.e. trades codes

The resident's information shall be given by the end user. The provided data is and shall remain the end user's property in accordance with the GDPR law.

INTRATONE® DOOR ENTRY AND ACCESS CONTROL SYSTEM EQUIPMENT

Door entry panel requirements and functionality

The stainless-steel vandal resistant door entry panel shall be DDA/Equality Act compliant with following features:

- Dimensions of the front: 150 mm x 300 mm x 2.5 mm
- System protection index IP55
- OLED display screen allowing operational messages (call in progress, door open, call impossible...)
Speech synthesis display anti-disturbance
- Configurable welcome message (64 scrolling or static characters)
- Microphone and speaker with audio induction loop
- Call length 40 sec
- Sound level adjustment without dismantling (depending on associated central unit)
- Pinhole camera
- Façade on removable swivel hinge
- Direct dial buttons 0-9 *# highlighted with yellow ring/backlit keypad and standard braille
- Engraving with "CALL", "CANCEL" and "CODE" buttons
- Instructions of use engraving "PRESS FLAT NUMBER AND THEN PRESS CALL"
- Square proximity reader from same manufacturer and brand
- Central unit – 1 door/2-door depending on site requirements
- 4G GSM Module with the world SIM card that the manufacturer has provided

Access control proximity reader requirements and functionality

An electric lock or electromagnetic lock must be fitted on the door to be controlled.

A NO-NC exit button on the inside of the access door should be supplied by the contractor.

Real-time management proximity reader features:

- Dimensions 60 mm x 60 mm x 18 mm (integrated in Intratone® door entry system)
- Reader protection index IP 50
- Compatible with INTRATONE® MIFARE key fobs
- Allow management of 3,000/7,000 key fobs (depending on 1 door/2 door central unit)
- Allow technical alerts (emails)
- Free access time slots

Intratone® key fobs

All key fobs shall be:

- Engraved with a **unique number** as an indelible stainless-steel insert, to identify them without any possibility of error.
- **Colored to enable their differentiation.** The color of the key fobs must not be altered or modified in any way.
- Equipped with an **unbreakable keyring** attachment, made from stainless steel, ensuring its solidity and durability.
- MIFARE proximity reading technology (operating without batteries). This technology makes it possible to reduce the risk of breakdowns or malfunctions related to the coexistence of several technologies.

Resident's key fobs shall benefit the "STOP COPY" Intratone® protocol and be secured by enabling restriction of the number of key fobs / master keys (including copies) in circulation to the number initially declared on the cloud-based management site <https://www.intratone.info>



