ojmar®

INTELLIGENT LOCKING SYSTEMS

OTS ADVANCE

STYLISH, MINIMALIST RFID TECHNOLOGY LOCKING SOLUTION

The **OTS ADVANCE** with thousands of installations worldwide has proven itself to be the primary choice for RFID locking solutions, where its style and clean lines are matched with advanced features and flexibility.

The **OTS ADVANCE** allows Corporations, Gyms, spa's etc to manage facilities by providing RFID cards, bracelets or fobs to staff or members to gain access and lock lockers provided in the building. Management are able to program the locks via a handheld terminal to best configure the locks for each facility; such as setting times lockers are available or assigning to specific people are amongst the many programmable features available. These enhanced programming features are combined with the ability to audit usage and status of locks via the terminal.

The **OTS ADVANCE**, moving forward with RFID technology.

LED status indication

Wireless handheld programmer

RFID 'keys'

MAIN FEATURES & BENEFITS

- **Simple, quick fit** – One piece "monoblock" design only requires single hole through door.
- **Minimal sleek design** – Aesthetically appealing.
- **Intuitive use –** Simply push button knob to open or close with authorized card, bracelet or key fob.
- **Multifunctional integrated handle** – Knob acts as a handle in the open position, also integrated LED (red, amber, green) in knob indicates lock and programming status. Position of knob also provides quick visual lock status i.e. high "out" position = open, low "in" position = locked.
- **Easy clean, hygienic** – Low to no direct touch operation.
- **High resistance to water** – Protection against water ingress in damp or wet areas.
- **Easy rapid set up** – In stand alone mode lock can be operational in minutes, no network integration required.
- **Robust** – High level of certified protection against impact.
- **Extremely low battery usage** – Typical life 7 years + maintenance free.
- **Public or Private mode** – all locks have flexibility to work in Public mode (free for anyone to use) of Private mode (assigned to specific person). *Note: User may have a single Private lock/locker and up to three Public mode lockers if required enhancing flexibility.*
- **Indicator LED's** – Integrated 3 colour LED's (red, amber, green) give quick visual lock status indication ie locked, closed, battery status etc and also provide prompts during lock programming.
- **Multi RFID technology** – Compatible with Mifare Classic, Mifare Ultralight and Mifare Desfire.
- **Multipurpose handheld programmer** – The programmer allows management to quickly and easily; program, update, read/write keys, monitor battery status in real time and acquire audit data if required without the need to be connected to a computer. The programmer simply needs to be held up to the lock and data and information is transferred between the two by NFC technology.

PROGRAMMING

Advanced Programming features
The OTS Advance gives management the ability to tailor access control to meet usage and demands, such as:

Administrator & Sub-administrator – Programming privileges can be set to enhance & manage system security.

Audit Trail – Detailed usage information can be downloaded and include such information as: User Name, User ID, Lock time/open time or if a master or service key have been used.

User Database – User database information can be retained and include; First name, Last name, Driver license, Employee ID and any additional information if required.

RFID media Expiration dates – Fobs, cards or keys entered into the locks can be "marked" with expiration dates, thereafter they will not work i.e. expired mem.

Automatic opening – Locks can be set to auto open i.e. at night for cleaning and/or to prevent locker "hogging".

Locker Sharing – Locks can be set so employees working on different shift times can share a locker – utilizing locker stock more efficiently.

Subgroup Masterkeys – Subgroup Master keys can be created and assigned to a supervisor with an expiration date, to enhance management control.

RFID cancellation keys – Cancellation keys can be created which can be used to delete Users Fobs, cards or keys when necessary.

Open API – The **OTS ADVANCE** can be integrated with most access control or cashless payment systems.

Subgroups – Groups can be set up within the system, with varying permissions to Users.

Handheld Programmer
Stand-alone mode:
> Allows to read RFID user media & write in free mode.
> Allows to make a test to the locks, providing in real-time: battery status, lock status, lock programming features, locker number.
> Allows to download the audit trail from the locks.
> Allows to quickly program multiple locks (previously downloaded from the software).
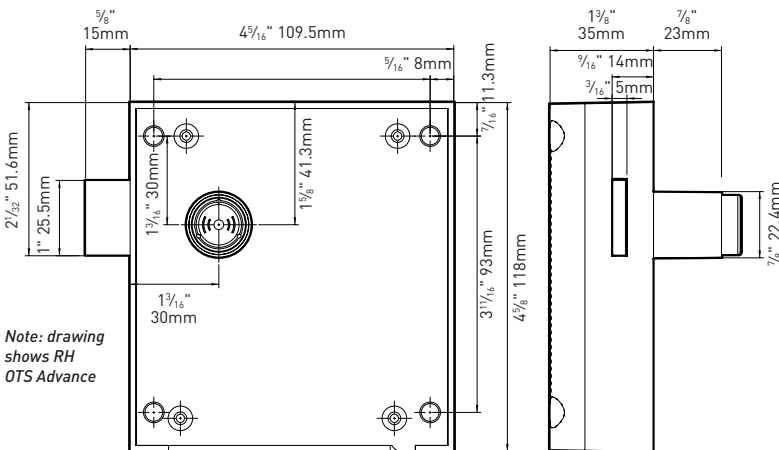
Connected to the computer:
> Allows to read and write RFID user media with all the software parameters.
> Download all the lock programming information.
> Download accurate audit trail from the locks.

Infoterminal (optional)
The Infoterminal is an information point for users who forget their locker number or wish to consult their remaining credit balance, by holding up the bracelet, card or fob to the terminal.

TECHNICAL DRAWING

5/8" 15mm 4 5/16" 109.5mm 5/16" 8mm 7/16" 11.3mm 2 1/32" 51.6mm 1 3/16" 30mm 1 5/8" 41.3mm 1" 25.5mm 1 3/16" 30mm 3 11/16" 93mm 4 5/8" 118mm

1 3/8" 35mm 7/8" 23mm 9/16" 14mm 3/16" 5mm 7/8" 22.4mm

Note: drawing shows RH OTS Advance

TECHNICAL SPECIFICATION

Power supply	> 4 Alkaline 1.5v AA batteries
Battery life	> 30,000 cycles
Low battery detection	> Stand alone via NFC programmer or integrated into an access control system
Communication interface	> NFC
Temperature range	> -20ºC / 70ºC
Protection against solid and liquid bodies	> IP55
Protection against external impact	> IK7
Protection against internal impact	> IK9
Display	> LED red, green, orange
Handing	> Locks are supplied as either LH or RH