

ENG

# Olock®

Top safety combined with design



Wireless biometric locking system®

- Biometric access control lock.
- WBLS® wireless communication (Wireless biometric locking system®).
- Autonomous by battery.
- Easy installation, without any kind of building work or cabling.
- Valid for new installations or replacements.



  
**BIODIT**  
BIOMOTIC SOLUTIONS



## MAIN CHARACTERISTICS

- Fingerprint biometrical identification technology.
- Attractive design in different finishes and colours.
- Simple installation without cabling, for new or already exiting constructions.
- Compatible with different door thicknesses from 30 to 115 mm.
- Compatible with ANSI embedded locks. Available version for cylinder (input of 60mm or more, follower lever of 8mm. If cylinder is used, distance between axes of 85mm)
- Bidirectional wireless communication between the control software and the Olock device.
- Safety in the wireless communication on all kind of devices, coded wireless communication with safety verifications per cyclical redundancy codes and safety safety algorithms.
- Anti-panic function, the lock can always be opened from inside by using a suitable embedded lock.
- Restraint fingerprint function.
- Sound warning by buzzer on access
- Visual warning with red and green leds on access.

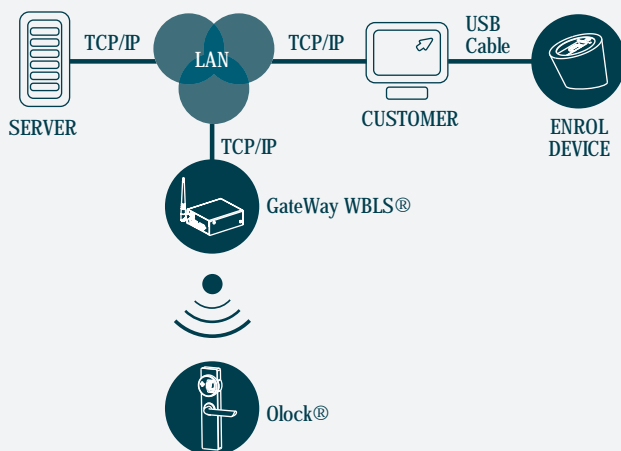
## Opening Modes

- Identification mode (door opening after fingerprint validation).
- Clearance mode (free clearance).
- Access mode by time band.
- Remote opening.
- Emergency opening (through PPD controller)

## Information provided through control software

- Detailed reports on the locks' activity.
- Maintenance reports.
- Online monitoring of the status of the batteries at any time.
- Automatic incidence messages.
- History of identification events per user.
- Access permissions per groups of users (staff or clients).
- Elimination of access on request (fingerprint detection locally)
- Staff access follow-up.
- Open/closed door notification (only if provided with external sensor).

## Topology

Certification **CE**

EN 300 328 (v.1.7.19) en 301 489 - 17 (v.1.2.1)

EN 60950-1 (2006)

## TECHNICAL FEATURES

## Biometric features

- Optical sensor.
- Area of the sensor: 18 x 22 mm.
- Resolution: 500dpi.
- Authentication times (1:1): less than 1 second (standard time).
- Identification Times (1:500 people): 1.5 seconds.
- Maximum number of fingerprints per Olock®: 500 (extendable to 3000 and 5000).
- FAR < = 0.00001%.

## Environmental characteristics

- Operating temperature: -10°C to 45°C.
- Storage temperature: -20°C to 70°C.
- Relative humidity: 20% to 80%.

## Autonomy

- Necessary power supply: Pack of lithium batteries of 3.6Vdc.
- Number of openings: Between 40,000 and 50,000.
- Low consumption, the device will remain on standby, the sensor will activate when you lower the handle.

## Interfaces

- Digital input for external sensor.

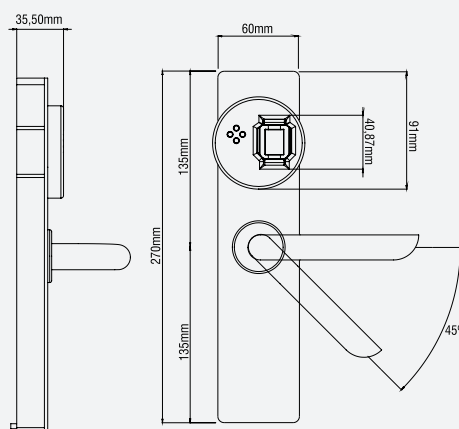
## Network and communications

- WBLS Wireless communication with the rest of the network devices.
- Possibility of ONLINE and OFFLINE operation.

## Installation

- For interiors and covered exteriors.
- On doors with through screws.

## Planimetry



Dealer:

