ENG

Inside®

Wall embedded wireless biometric reader

WBLS® Wireless biometric locking system®

- Biometric access control device to be embedded.
- Embedded in universal mechanism box, easy installation.
- WBLS® wireless communication (Wireless biometric locking system®).
- Exchangeable frames in different colours (series LS, LS PLUS and FD by JUNG).

BIODIT
BIOMOTIC SOLUTIONS

BIODIT S.L. complies with the law 15/1999 on data protection.

ESP

Inside®

MAIN CHARACTERISTICS

- Attractive design and available in different frames and colours.
- Easy installation recessed in universal box of mechanisms.
- Fingerprint biometrical identification technology.
- SELV power supply (safety extra-low voltage)
- Incorporates relay for door opener or any other activator.
- Relay operation in bistable mode or pulse mode.
- Time adjustment of the opening pulse.
- Bidirectional wireless communication between the control software and the Inside device.
- Safety in the wireless communication in all kind of devices, coded wireless communication with safety verifications per cyclical redundancy codes and safety algorithms.
- 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).
- Access mode by time band.
- Remote opening.

Information provided through control software:

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

TECHNICAL FEATURES

Biometric features

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

Environmental characteristics

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

Autonomy

- Necessary power supply: 12Vdc500mA.
- Low consumption, the device will remain on standby, the sensor will activate when you get near the device.

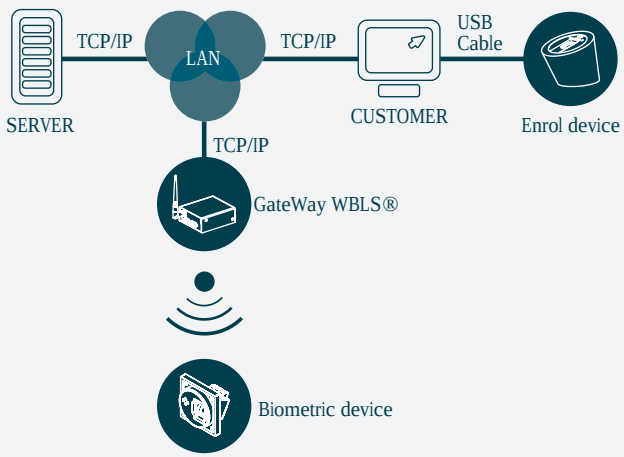
Interfaces

- Power supply connector. Removable terminal type connector.
- Relay output 12A 230V (NC y NA). Removable terminal type connectors.
- Digital input for external sensor. Removable terminal type connectors.

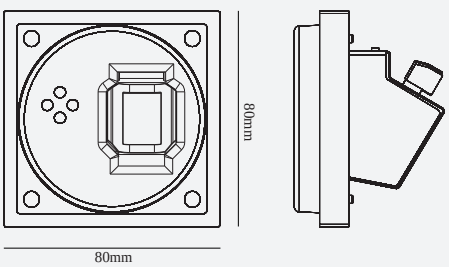
Network and communications

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

Topology



Planimetry



Certification CE
EN 300 328 (v.1.7.19) en 301 489 - 17 (v.1.2.1)
EN 60950-1 (2006)

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