BIO TRACK
By solux

TIME & ACCESS · FACIAL RECOGNITION

BioFace 2

Recognizes every face, even in the dark.

Face + fingerprint · 4.3" touch · IR camera · Wi-Fi + TCP/IP



Punch recorded
3 seconds ago · Main office

Overview

Time and access by face, touch-free and queue-free.

BioFace 2 is our most complete device for employee time attendance, while also providing simple door access control. It is designed for companies with 1 to 5,000 employees.

Its primary method is facial recognition, with an infrared camera that identifies people even in dark environments. As alternatives, employees can use fingerprint, proximity card or PIN. At each punch the touchscreen shows their photo and confirms the record.

Connect locks, door sensor, doorbell and exit button: when an employee is verified, the unit signals the door to open. A rear switch triggers an alarm if someone tries to remove it from the wall.

AT A GLANCE

- Color touchscreen and voice
- Employee photo on screen
- Face, fingerprint, PIN and card
- Network (TCP/IP) and Wi-Fi
- Dual camera: infrared and photo
- Built-in siren
- Simple access control
- Anti-tamper switch

Face recognition
Fast, touch-free identification.

Infrared camera
Recognizes even in dark environments.

4.3" touchscreen
Simple, intuitive graphical menu.

Access control
Lock, sensor, doorbell and exit button.

5,000
employees per company

3,000
faces (1:1) · 1,200 in 1:N

100,000
records

SPECIFICATIONS & CONNECTIVITY

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Features

- **Facial recognition:** primary method, with an infrared camera for dark environments.
- **Alternative methods:** fingerprint, proximity card (built-in reader) or PIN.
- **Touchscreen:** 4.3" color display with employee photo and voice prompts.
- **Connection:** TCP/IP and Wi-Fi to process punches online, or USB flash drive.
- **Access control:** sends the open signal to the lock and accessories.
- **Glass sensor:** no silicone membrane, for a long service life.
- **Anti-tamper:** rear switch triggers an alarm if removed from the wall.
- **Software:** included; device, software and manual in Spanish and English.

Technical data · BioFace 2

Display	4.3" color TFT touchscreen
Keypad	6 shortcut keys
Capacity 1:N	3,000 fingerprints · 1,200 faces
Capacity 1:1	5,000 fingerprints · 3,000 faces
Records	100,000
Algorithm	FRR 0.01% · FAR 0.0001%
Matching	1:N or 1:1
Communication	TCP/IP · Wi-Fi · USB
Power	12 V, 3 A
Dimensions	193.6 × 165.2 × 86 mm
Environment	0 °C to 45 °C · 20% to 80% humidity

Connection diagram



Optional accessories

- 4-hour MiniUPS
- Proximity cards
- USB reader
- Door accessories

Connect it to BioAdmin Web

Punches from your BioFace 2 flow to the cloud through BioConnect: schedules, exceptions and reports in a single dashboard, with no servers to install.

*Subject to model validation.

1. **Clock in** — Fingerprint, face, card or PIN.
2. **Calculate** — Schedule, shift, grace and overtime.
3. **Report** — Live dashboard; Excel, PDF or CSV.
4. **Deliver** — Hours ready for your payroll.

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