



## MiniBIOX

the elegant design  
biometric terminal

*MiniBIOX is a modern terminal with an elegant design guaranteeing the highest security standards. Easy to install and configure, it is used to control doors and alarm systems, and the many available configurations make it possible to choose between various security levels*

**MiniBIOX** is a device with **multiple readers**, biometric, Mifare RF and Bluetooth (BLE) in BTicino Living International series box, designed for access control via badge, fingerprint or smartphone (the latter via the Entro App). The device is available in **two colors**, black and white, and in two versions, with or without an integrated button. The **design** does not protrude from the wall making it suitable for any type of environment, even the most prestigious. The 22,000 template optical sensor, normally off, lights up red when it detects the presence of a finger and green when the finger is recognized.

### METHODS OF IDENTIFICATION

There are many recognition modes available and may vary for each user:

- 1:N identification (fingerprint only);
- 1:1 verification with fingerprint memorization on MiniBIOX (MIFARE RF card + fingerprint);
- 1:1 verification with fingerprint memorization on Mifare 4K card (MIFARE RF card + fingerprint);
- identification with Mifare card only
- identification via smartphone (BLE technology)

The round push button enables the internal relay that can be used, for example, to activate a bell. The system also has a buzzer for acoustic signals.

## FUNCTIONS

The device can be used to control **even complex security systems**, as it can control up to 3 optional boards (AX MAX) with encrypted communication. Each AX MAX board has 2 relays and 2 inputs and can be installed in a safe location to guarantee the highest security levels and a set of functions:

- complete control of a swing door gate (door status, exit button, lock, alarm);
- alarm control: enable and disable;
- open/close secondary relay: activated only by a few users or fingerprints.

## TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS	Standalone door opener with Mifare proximity reader, internal memory and luminous push-button Compatible with BTicino Living International box Available in two colors (black and white)
INPUT/OUTPUT DEVICES	1 internal relay (for bell or door opener). Relay and optional remote inputs on AX MAX boards (access control, burglar alarm management, remote relay) Up to 3 optional I/O boards (AX MAX), connected in RS485 with encrypted protocol, can manage the following functions: <ul style="list-style-type: none"> <li>• access control</li> <li>• secondary relay</li> <li>• alarm control</li> </ul>
INTEGRATED READERS	4K Mifare proximity reader
INTERFACE	Version available with 1 button that can be configured to enable the internal relay (usually used to control a bell) In case of standalone mode: master cards for programming and registering users
OTHER SERVICES	Can work as a slave biometric reader of a controller or terminal to which it is connected via RS485. Possibility to work in the XAtlas system as the FD component on the RS485 line. Various operating modes (can also be combined): <ul style="list-style-type: none"> <li>• 1:N identification, fingerprint only</li> <li>• 1:1 VERIFICATION, fingerprint + badge (also with option of memorizing the template on a Mifare 4K card)</li> <li>• card only</li> </ul>