

AX RF

DOOR OPENING TERMINAL WITH RF READER



AX RF is a modern and stylish terminal that ensures high safety standards. Easy to install and configure, it allows controlling doors and alarm systems. The stand-alone version offers maximum ease of configuration made possible by special programming cards.

AX RF is a high security stand-alone system for opening doors that makes use of the most advanced identification and security technologies, all integrated in a Bticino 503 wall-mounted box.

The integrated RF reader allows the device to identify users provided with a RF MIFARE card. The round button with multi-coloured LED can be configured to operate the internal relay, for example, to activate a doorbell. Alternatively, the internal relay can be used to unlock a locking system when a card is recognized as valid. The system also includes a buzzer and anti-tampering sensor.

Up to three I/O AX MAX cards (each with 2 relays and 2 inputs) can be connected to the device through a 485 port, which can be placed in a secure location ensuring the highest security standards.

The AX MAX optional cards perform the following functions:

- complete control of an access door (status of the door, exit button, lock, alarm);
- alarm control: arming and disarming.
- secondary relay: only activated by some users or fingerprints.

The configuration, registration and cancellation of users are performed using special cards (MASTER) and the light button. AX RF can also function as a component of the XAtlas system becoming a slave to a controller of the system.



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For easy identification

STRENGTHS

- ✓ High integration: MIFARE reader, push button, anti-tamper mechanism, acoustic buzzer and relay, all housed in a BTicino 503 box;
- ✓ Multifunction: bell, door opener with MIFARE card, complete control of high security access points (thanks to remote-controlled relays), alarm arming/disarming, activation of secondary relay;
- ✓ Stand Alone: no PC and no connection required. Device configuration and addition of users via system cards;
- ✓ Component of XATLAS: AX RF can be configured to operate as a component of the XAtlas system. In this case, it is connected as a slave to a controller of the system.

TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS	<ul style="list-style-type: none">• stand-alone system for opening of doors with MIFARE proximity reader, equipped with internal memory• compatible with Bticino 503 box
INPUT/OUTPUT DEVICES	<ul style="list-style-type: none">• 1 internal relay (for doorbell) and 2 remote relays (for door closing and alarm)• 2 remote inputs: door status and exit button• anti-tampering sensor and light button• separate I/O card for remote control (AX MAX), connected in RS485 with encrypted protocol (with 2 relays and 2 inputs)
INTEGRATED READERS	4K MIFARE proximity reader
INTERFACING	<ul style="list-style-type: none">• 1 button (activation of doorbell)• round LED with 3 colours• easy configuration with special programming cards (MASTER)
OTHER SERVICES	possibility to operate in the XAtlas system as a FD component on the RS485 line





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