



## RFID readers

Proximity readers for every requirement of access control.

*The wide range of Zucchetti Axess RFID readers meets all requirements of access control.*

*Zucchetti Axess offers many families of reliable and compact readers: RFID/2.5, RFID/4 e RFID/4K, RFID/5 and RFID/5K, FD-RALL and USB readers.*

### strengths

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The readers are reliable, technologically advanced, EC and FCC certified, simple to use and with a modern design. All readers (except for USB and FD-RALL models) are waterproof with an IP65 degree of protection and IK08 guaranteed against bump resistance.

The 13.56 Mhz versions can be configured to read automatically a data resident in certain sections of the card memory.

**AXESS TMC**

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RFID/2.5



RFID/4



RFID/4K

### RFID/2.5

Compact reader with two LEDs (red and green) and integrated buzzer. Suitable for outdoor use (IP65). The reader is supported by all the AxessTMC terminals, in read-only mode. By configuring "serial TTL" format, it is also possible to write on 13,56Mhz smart cards (SW development is usually required). A 3 meters- long cable comes out from the resined back, ensuring that IP65 is kept. Dimensions: 101x44x23 mm (HxWxD).

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.200.60 (Grey)	125KHz (EM4102) 14443A Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magstripe)</li> <li>• Wiegand</li> <li>• serial TTL</li> </ul>	Short, a few meters
904.200.60B (Black)	RFID125KHz 64 bit read-only (EM-H4102 compatible)	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magstripe)</li> <li>• Wiegand</li> <li>• serial TTL</li> </ul>	Short, a few meters
904.250.17 (Grey)	RFID125KHz 64 bit read-only (EM-H4102 compatible)	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magstripe)</li> <li>• Wiegand</li> <li>• serial TTL</li> </ul>	Short, a few meters
904.250.17B (Black)	125KHz (EM4102) 14443A Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magstripe)</li> <li>• Wiegand</li> <li>• serial TTL</li> </ul>	Short, a few meters

### RFID/4 e RFID/4K

Readers with RGB LED and buzzer. External frame is also available in white. Removable back- clamp. Reading any memory block is possible. They can function both as readers with multiple output interfaces(wiegand, serial, clock&data), and as Field Devices (FD), with RS845 SPP- output (XAtlas' component or slaves of terminals). Dimensions: 80x80x23 mm (HxWxD).

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.400.14 (13.56Mhz)	ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magnetic)</li> <li>• Wiegand (configurable)</li> <li>• RS232 up to 115200 bps</li> <li>• RS485 with SPP protocol</li> </ul>	Up to 50 meters. If in RS485 output: up to 1000 m
904.400.15 (13.56Mhz)	LEGIC Advant (4200 chipset)	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magnetic)</li> <li>• Wiegand (through command 232)</li> <li>• RS232 and TTL for read&amp;write</li> <li>• RS485 with SPP protocol</li> </ul>	Up to 50 meters. If in RS485 output: up to 1000 m
904.402.14 (13,56MHz)	ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC. Integrated keyboard	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magnetic)</li> <li>• Wiegand (configurable)</li> <li>• RS232 up to 115200 bps</li> <li>• RS485 with SPP protocol</li> </ul>	Up to 50 meters. If in RS485 output: up to 1000 m
904.401.15 (13,5 MHz)	Legic Advant (chip 4200). Integrated keyboard	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magnetic)</li> <li>• Wiegand (configurable)</li> <li>• RS232 up to 115200 bps</li> <li>• RS485 with SPP protocol</li> </ul>	Up to 50 meters. If in RS485 output: up to 1000 m



RFID/5



RFID/5K

### RFID/5 e RFID/5K

Multitechnology readers with RGB LEDs and buzzer. External frame is available in white or black. Removable back- clamp.

125Khz (EM4102), 14443A, Ultralight, Mifare Classic 1K and 4K, Desfire EV1 and EV2, NFC reader. BLE (Bluetooth Low Energy).

Dimensions: 80x80x23 mm (HxWxD).

RFID5 and RFID5K can function both as multiple output interfaces reader (Wiegand, serial, clock & data) and Field Device (FD) with RS485 SPP output (XAtlas component or slave of terminals).

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.500.61	RFID 125KHz (EM4102) 14443A, Ultralight Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC	Selectable with switch: ° Clock&Data ° Wiegand 26 or 37 bit ° Serial (TTL or RS232) ° RS485 with SPP protocol	Up to 1000 meters, in RS485
904.500.61b	With BLE		
904.501.61	RFID 125KHz (EM4102) 14443A, Ultralight Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC With keyboard	Chosen with switch: • Clock&Date • Wiegand 26 or 37 bit • Serial (TTL or RS232) • RS485 with SPP protocol. The code of every key is sent in SPP or Wiegand.	Up to 1000 meters, in RS485
904.501.61b	Con BLE		

### USB READERS

Ideal readers for an internal use and can be connected to a PC by emulating the keyboard using a free utility.

MODEL	TECHNOLOGY	OUTPUT FORMATS
904.225.60	RFID 125KHz (EM4102), 14443A, Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC - Rectangular case	USB
904.223.15	LEGIC (4200 chipset) reader and writer (does not create segments) UID read only: Mifare, ISO14443 A, ISO15693 - RECTANGULAR CASE	USB
904.227.14	RFID ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC – Rectangular case	USB
904.248.14	RFID ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC – Case in plexiglass with display	USB
904.248.15	LEGIC (chip 4200) reader and writer (does not create segments). UID read only: Mifare, ISO14443 A, ISO15693 Case in plexiglass with display	USB
904.247.14	ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K e 4K, Desfire EV1 and EV2, NFC – Case in plexiglass with display	USB



**FD-RALL**

**FD-RALL**

**Multitechnology reader with IP55 protection.**

Thanks to the display for viewing the data, time and outcome of stamping, FD-RALL is also suitable for detection of intrusion systems besides to access control. The reader can be used in dual antenna mode, left and right reading of the display, or single antenna with central reading. FD-RALL works both by being managed by the software for XAtlas access control and directly connected to the terminals that support it (SuperGLASS 4, X3, AX GATE, AX DOOR, SuperTRAX light, SuperGLASS 7 light).

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
FD-RALL- C	HID PROX 125Khz and IClass SE	• RS485 with SPP protocol	Up to 1000 meters
FD-RALL-BD	125Khz (EM4102), 14443A, Mifare: Classic 1K and 4K, Ultralight, Desfire EV1	• RS485 with SPP protocol	Up to 1000 meters



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