

## 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, RFID/3, RFID/4, FD-RFID4/4K, 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**

a brand of Zucchetti Axess S.p.A



RFID/2



RFID/3

## RFID/2

Readers with two LED signals (red and green). The buzzer is only present on the 125 KHz version. The reader is equipped with a cable. Dimensions: 102x42x23 mm (HxWxD).

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.200.17 (125Khz)	RFID125KHz 64 bit read-only (EM-H4102 compatible)	<ul style="list-style-type: none"> <li>• Clock&amp;Date (magstripe)</li> <li>• Wiegand</li> <li>• Barcode C39</li> <li>• Serial RS232 9600n8</li> </ul>	Up to 50 meters
904.201.14 (13.56Mhz)	Reader ISO14443 A/B & ISO15693, Mifare	<ul style="list-style-type: none"> <li>• Clock&amp;Date (magstripe)</li> <li>• Serial TTL read &amp; write</li> </ul>	Short, a few metres
904.202.14 (13.56Mhz)	Reader ISO14443 A/B & ISO15693, Mifare	<ul style="list-style-type: none"> <li>• Clock&amp;Date (magnetic)</li> <li>• Wiegand (through command 232)</li> <li>• RS232 read &amp; write</li> </ul>	Up to 50 meters

## RFID/3

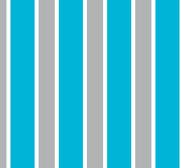
Readers with RGB LED. The buzzer is present on all versions. Cover also available in white. Removable rear terminal. Available in the LEGIC Advant version.

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.300.17 (125Khz)	RFID125KHz 64 bit read-only (EM-H4002/4102 compatible)	<ul style="list-style-type: none"> <li>• Clock&amp;Date (magstripe)</li> <li>• Wiegand</li> <li>• Barcode C39</li> <li>• Serial RS232 9600n8</li> </ul>	Up to 50 meters
904.302.14 (13.56Mhz)	ISO14443 A/B & ISO15693 Mifare	<ul style="list-style-type: none"> <li>• Clock&amp;Date (magnetic)</li> <li>• Wiegand (through command 232)</li> <li>• RS232 and TTL for read &amp; write</li> </ul>	Up to 50 meters

## RFID/4

Readers with RGB LED. The buzzer is present on all versions. External frame also available in white. Removable rear terminal. DESFire card reader. Dimensions: 80x80x23 mm (HxWxD).

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.400.14 (13.56Mhz)	ISO15693 Mifare Classic 1K/4K Mifare Ultralight DESFire	<ul style="list-style-type: none"> <li>• Clock&amp;Data (magnetic)</li> <li>• Wiegand (configurable)</li> <li>• RS232 up to 115200 bps</li> </ul>	Up to 50 meters
904.400.15 (13.56Mhz)	LEGIC Advant (chip 4200)	<ul style="list-style-type: none"> <li>• Clock&amp;Date (magnetic)</li> <li>• Wiegand (through command 232)</li> <li>• RS232 and TTL for read &amp; write</li> </ul>	Up to 50 meters



RFID/4

FD-RFID/4



FD-RFID/4K

## FD-RFID4/4K

These are readers belonging to the Field Device (FD) category, equipped exclusively of an RS485 output with SPP proprietary protocol; they can be connected as components of the XAtlas access control system or as external devices of the terminals or Zucchetti Axess controller that support the SPP protocol. Equipped with RGB LEDs and buzzers for sound signalling, they allow reading any card memory block.

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
FD-RFID4K (13.56Mhz)	ISO14443 A/B & ISO15693 Mifare With Integrated Keyboard	• RS485 with SPP protocol	Up to 1000 meters
FD-RFID4 (13.56Mhz)	ISO14443 A/B & ISO15693 Mifare	• RS485 with SPP protocol	Up to 1000 meters
FD-RFID4-L-K (13.56Mhz)	Legic Advant (chip 4200) With Integrated Keyboard	• RS485 with SPP protocol	Up to 1000 meters
FD-RFID4-L (13.56Mhz)	Legic Advant (chip 4200)	• RS485 with SPP protocol	Up to 1000 meters

## RFID/5 e RFID/5K

Multitechnology readers with RGB LEDs and buzzers. External frame available in white or black. Removable rear terminal.

125Khz (EM4102), Mifare Classic 1K and 4K, Mifare Ultralight and Desfire EV1card reader. BLE (Bluetooth Low Energy).

Dimensions: 80x80x23 mm (HxWxD).

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

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.500.61 RFID5 FDRFID5	RFID 125Khz (EM4102), ISO 14443A, Mifare Classic 1K and 4K, Ultralight, Desfire EV1	Chosen with switch: • Clock&Date • Wiegand 26 or 37 bit • Serial (TTL o RS232) • RS232 with SPP protocol	Up to 1000 meters in RS 485
904.500.61b	With BLE		
904.501.61 RFID5K FDRFID5K	RFID 125Khz (EM4102), 14443A, NFC type 2, Mifare: Classic 1K, 4K, EV1 1K, Ultralight, Desfire With keyboard	Chosen with switch: • Clock&Date • Wiegand 26 or 37 bit • Serial (TTL o RS232) • RS485 with SPP protocol. The code of every key is sent in SPP or Wiegand.	Up to 1000 meters in RS 485
904.501.61b	With BLE		



FD-RALL

RFID/5



FD-RFID/5K

## 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
904.225.17	RFID 125 KHz, USB, read only - RECTANGULAR CASE	USB
904.223.15	LEGIC (chip 4200) reader and writer (does not create segments) UID read only: Mifare, ISO14443 A, ISO15693 - RECTANGULAR CASE	USB
904.226.14	ISO14443 A/B & ISO15693 reader and writer RECTANGULAR CASE	USB
904.227.14	Desfire reader and writer - RECTANGULAR CASE	USB
904.248.14	Desfire reader and writer - PLEXIGLASS CASE	USB
904.248.15	LEGIC (chip 4200) reader and writer (does not create segments) UID read only: Mifare, ISO14443 A, ISO15693 - PLEXIGLASS CASE	USB
904.247.14	Desfire - PLEXIGLASS CASE	USB

## FD-RALL (available from July 2016)

### 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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