



## 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 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 USB models) are suitable for outdoor usage being waterproof IP65 and anti-vandalism IK10 certified.

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

**AXESS TMC**

ZUCCHETTI



RFID/2.5



RFID/5



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
904.225.60	RFID 125KHz (EM4102), 14443A, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, NFC - Rectangular case	USB
904.235.60B	RFID 125KHz (EM4102), 14443A, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, 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 EV1/2/3, NFC - Rectangular case	USB
904.323.15	LEGIC (4200 chipset) reader and writer (does not create segments)	USB
904.323.15s	LEGIC (6300 chipset) reader and writer (does not create segments)	USB

## 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). Operating temperature: -20°C to +55°C

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.200.60 (Grey)	125KHz (EM4102) 14443A Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, 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)	125KHz (EM4102) 14443A Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, 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
904.250.17 (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)	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

## RFID/5 and RFID/5K

Multitechnology readers with RGB LEDs and buzzer. Removable back- clamp. 125Khz (EM4102), 14443A, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, 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). Operating temperature: -20°C to +60°C White version available.

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.500.61	RFID 125KHz (EM4102) 14443A, Ultralight Mifare Classic 1K and 4K, Desfire EV1/2/3, NFC	Selectable with switch: <ul style="list-style-type: none"> <li>° Clock&amp;Data</li> <li>° Wiegand 26 or 37 bit</li> <li>° Serial (TTL or RS232)</li> <li>° RS485 with SPP protocol</li> </ul>	Up to 1000 meters, in RS485
904.900.61b	With BLE		
904.501.61	RFID 125KHz (EM4102) 14443A, Ultralight Mifare Classic 1K and 4K, Desfire EV1/2/3, NFC With keyboard	Chosen with switch: <ul style="list-style-type: none"> <li>• Clock&amp;Date</li> <li>• Wiegand 26 or 37 bit</li> <li>• Serial (TTL or RS232)</li> <li>• RS485 with SPP protocol.</li> </ul> The code of every key is sent in SPP or Wiegand.	Up to 1000 meters, in RS485
904.901.61b	With BLE		

## RFID/4



## RFID/4K

### RFID/4 and 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 RS485 SPP- output (XAtlas' component or slaves of terminals).  
 Dimensions: 80x80x23 mm (HxWxD).  
 Operating temperature: -20°C to +60°C.

MODEL	TECHNOLOGY	OUTPUT FORMATS	MAXIMUM CABLE EXTENSION
904.400.14 (13.56Mhz)	ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, 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
904.800.14b (13.56Mhz)	ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, NFC, BLE Technology	<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 and 4K, Desfire EV1/2/3, 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
904.802.14b (13,56MHz)	ISO 14443A/B, ISO 15693, Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3, NFC, BLE Technology. 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 (13.6Mhz)	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
904.570.15	Legic Advant (chip 6300) Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3	<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
904.571.15	Legic Advant (chip 6300) Ultralight, Mifare Classic 1K and 4K, Desfire EV1/2/3 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



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