

## 9 CM 2.0 Wireless

MIFARE® reader transferring data in mobile network via 3G, 4G, GSM and GPRS



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### Product features and benefits

- Utilizes existing mobile network for data transfer, so it can be installed practically anywhere
- Cost effective wireless data transfer - no cabling required
- Ideal for temporary installations (construction sites, remote locations with no infrastructure)
- Wireless interface settings remotely configurable by SMS

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9 CM 2.0 Wireless is an access control reader providing wireless data transfer via 3G, 4G, GSM and GPRS. Wireless data transfer makes it possible to build access control points in remote places without any other option for data transfer. 9 CM 2.0 Wireless supports Mifare® DESFire Classic UID + Sectors, and the UID's of other Mifare® products.

This reader is ideal for temporary access control settings as you can have your identification application up and running without any cabling, e.g. for construction sites or remote locations without any infrastructure. It utilizes existing, reliable and above all, cost-effective mobile connection which is available almost everywhere - practically in any location where you can use a mobile phone.

With IP67 protection class this reader meets all needs for a reliable reader applicable in any conditions - moisture, dust, frost and heat. This robust and durable reader is very suitable for industrial settings, and it has also a large led hole which makes it very easily noticeable also in daylight.

As this reader is very useful in distant locations you can also benefit from the possibility to control its wireless interface by SMS - of course with password protection. The reader is compatible with MIFARE® Classic or MIFARE® DESFire transponders.

## 9 CM 2.0 GPRS: Technical specifications

Operating Frequency	13,56 Mhz
Voltage	+10VDC...+30VDC
Current Consumption	100 mA @ 12 VDC, max 270 mA
RFID chip support	MIFARE® DESFire: UID , MIFARE® Classic: UID + Sectors, MIFARE® Ultralight UID, MIFARE® Plus UID
Data network support	3G, 4G, GSM, GPRS, EGPRS
Dimensions of housing (hwxwd)	129 x 193 x 52 mm
Material of housing	Plastic
Installation method	Screws
Colour	White
Customized versions	Yes, with sticker
Protection class	IP67
Operational temperature range	-40 °C - +55 °C
Storage temperature range	-40 °C - +55 °C
I/O's	1 Relay output max 1A
TCP/IP	Yes, reader sends card data to server via mobile network connection
Card Data	Data length can be configured
SIM	Basic SIM card slot
EMC	Meets CE requirements
Field strength	According to EN300330
LED	Three-colour
Buzzer	Yes