Your badges deserve truly secure reading.

CIDRON

CIDRON Standard reader

Range of 10 part numbers



Standard housing, matt finish, black or white. Choose the badge technology, Bluetooth, keypad and QR code module to get the part number.

Key features

- Secure reading: MIFARE DESFire application with encryption key
- Removable MIFARE SAM AV2 module, diversified keys
- OSDP v1 and v2 with Secure Channel
- Outdoor: IP65, -40 °C to +70 °C, thermostat-controlled heater

Applications

- Commercial and industrial buildings
- Indoor and outdoor installations
- Migration to secure badges (MIFARE Classic to DESFire)

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Range options

Badge technology	13.56 MHz / 13.56 MHz + 125 kHz (Combi)
Smartphone (Bluetooth)	Without (VG2) / With (VG3)
Keypad	Without / With
QR code module	Without / With

This sheet presents a range. Photos and text describe all the variants: the features of a product depend on the part number chosen. SCAP confirms the right part number for your need with your quote.

Specifications common to the whole range

NFC	Yes
Secure reading	Yes: MIFARE DESFire application with encryption key
SAM module	MIFARE SAM AV2, external SIM-type slot, removable; keys diversified by the SAM
Read output format	24 to 1,024 bits (excluding parity)
Indicators	Green, red and yellow LEDs, blue backlight, buzzer
Power supply	9 – 30 V DC
Inputs / outputs	4 LED and buzzer inputs, 2 configurable inputs/outputs
Tamper protection	Built-in mechanical contact: detects removal and opening of the reader
Operating temperature	-40 °C to +70 °C
Heater	Built-in thermostat-controlled heating element
Humidity	0 – 95% non-condensing
Protection rating	IP65 (with the SC9901 weather shield)
Configuration	Configuration card, Reader Tool software or reader preconfigured at the factory
Colour	Black or white
Housing width	Wide

Part numbers in the range

KSR-K200685	13.56 MHz · Without (VG2) · Without · Without
SC9100-MD-VDI27	13.56 MHz · Without (VG2) · With · Without
KSR-K200447	13.56 MHz + 125 kHz (Combi) · Without (VG2) · Without · Without
SC9100-MDE-VDI27	13.56 MHz + 125 kHz (Combi) · Without (VG2) · With · Without
SC93110-MDB-VDI27	13.56 MHz · With (VG3) · Without · Without
KSR-K200792	13.56 MHz · With (VG3) · With · Without
SC93110-MDEB-VDI27	13.56 MHz + 125 kHz (Combi) · With (VG3) · Without · Without
KSR-K200452	13.56 MHz + 125 kHz (Combi) · With (VG3) · With · Without
KSR-K200451	13.56 MHz + 125 kHz (Combi) · With (VG3) · With · With
KSR-K200509	13.56 MHz + 125 kHz (Combi) · With (VG3) · Without · With

Indicative specifications, subject to change without notice. Prices and availability: contact SCAP.