CIDRON

# CIDRON VG2 Combi reader 13.56 MHz/125 kHz, matt (black or white)

**SCAP part number: KSR-K200447**

CIDRON VG2 Combi 13.56 MHz + 125 kHz reader. Secure MIFARE DESFire reading, NFC, SAM module, Wiegand and OSDP Secure Channel outputs.



## Key features

- Secure reading: MIFARE DESFire application with encryption key
- NFC
- Two antennas: 13.56 MHz and 125 kHz (EM4200, HID Proximity)
- Removable MIFARE SAM AV2 module, diversified keys
- OSDP v1 and v2 with Secure Channel
- Outdoor: IP65, -40 °C to +70 °C, thermostat-controlled heater

## Technical specifications

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|---|---|
| **Frequencies** | 13.56 MHz + 125 kHz |
| **NFC** | Yes |
| **Bluetooth** | No |
| **Technologies read** | Electromarine EM4200, HID Proximity, MIFARE CSN 4-byte, MIFARE CSN 7-byte, MIFARE Ultralight (CSN), MIFARE Plus, MIFARE DESFire 0.6, MIFARE DESFire EV1, MIFARE DESFire EV2, MIFARE Classic, ISO 14443 A/B compatible cards, iCLASS UID, MIFARE Random UID |
| **Secure reading** | Yes: MIFARE DESFire application with encryption key |
| **Simultaneous reads** | 2 custom card formats (sector or application) + CSN / UID + Prox / EM |
| **SAM module** | MIFARE SAM AV2, external SIM-type slot, removable; keys diversified by the SAM |
| **QR code and barcode module** | Not compatible (for VG3 readers only) |
| **Interfaces** | Clock/Data, Wiegand, OSDP v1 and v2 (Secure Channel), RS232 and RS485 |
| **Read output format** | 24 to 1,024 bits (excluding parity) |
| **Keypad** | No |

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| **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 à +70 °C |
| **Heater** | Built-in thermostat-controlled heating element |
| **Humidity** | 0 – 95% non-condensing |
| **Protection rating** | IP65 (with the SC9901 weather shield) |
| **Impact resistance** | IK07 |
| **Dimensions** | L 109 × W 79 × H 25 mm |
| **Configuration** | Configuration card, Reader Tool software or reader preconfigured at the factory |
| **Colour** | Black or white |
| **Finish** | Matt |
| **Housing width** | Wide |

## Applications

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

## Commercial information

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|---|---|
| **SCAP part number** | KSR-K200447 |
| **Brand** | CIDRON – Cidron range (Civintec), distributed by Seriline |
| **Family** | CIDRON brand |
| **Description** | CIDRON VG2 Combi reader 13.56 MHz/125 kHz, matt (black or white) |
| **Delivery** | Constant stock; next-day or two-day delivery depending on availability. Lead times are given for guidance only. |
| **Free carriage threshold** | For any order delivered in a single shipment with a minimum value of €1,000 excl. VAT (excluding carriage). Mainland France. |
| **Minimum order** | €100 excl. VAT. Below that: payment in advance or a €15 excl. VAT handling charge. |
| **Payment** | First order paid in advance when the account is opened, then 30 days end of month once credit insurance is approved. |
| **Warranty** | 12 months from the invoice date (return for replacement or repair of the faulty part). |
| **Complaints** | Visible defects: reservations within 2 clear days of receipt. Quantities and quality: 8 clear days. |
| **Returns** | Only with prior written agreement, within one month of delivery; credit note issued on the basis of 90% of the invoiced amount. |

## Documents and sources

- Data source: Seriline comparison table "Specification and comparison Cidron reader models and versions", rev. 18/09/2021; dimensions: Seriline and Civintec product sheets

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