CIDRON

CIDRON VG3 Combi keypad reader 13.56 MHz/125 kHz/ BLE, matt (black or white)

SCAP part number: SC93100-MDEB-VDI27

CIDRON VG3 Combi 13.56 MHz + 125 kHz reader with keypad. Secure MIFARE DESFire reading, NFC and Bluetooth, SAM module, Wiegand and OSDP Secure Channel outputs.



Key features

- Secure reading: MIFARE DESFire application with encryption key
- Smartphone: Bluetooth and 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
- Backlit 12-key keypad, configurable

Technical specifications

Frequencies	13.56 MHz + 125 kHz
NFC	Yes
Bluetooth	Yes
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	3 custom card formats (sector or application) + Bluetooth / NFC + 4 and 7-byte CSN and UID + Prox / EM
SAM module	MIFARE SAM AV2, external SIM-type slot, removable; keys diversified by the SAM
QR code and barcode module	Optional with the SC9192-SQ module
Interfaces	Wiegand, OSDP v1 and v2 (Secure Channel), RS232 and RS485
Transparent mode	Announced by the manufacturer for 2022 (2021 document): contact us

Read output format	24 to 1,024 bits (excluding parity)
Keypad	12 keys, 4 rows of 3 keys, configurable blue backlight (on, off, auto, adjustable brightness)
Keypad output format	Wiegand 4-bit, Wiegand 8-bit (Dorado), Wiegand 26-bit, ASCII over OSDP
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 qualification in progress (keypad model)
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

SCAP part number	SC93100-MDEB-VDI27
Brand	CIDRON – Cidron range (Civintec), distributed by Seriline
Family	CIDRON brand
Description	CIDRON VG3 Combi keypad reader 13.56 MHz/125 kHz/BLE, 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.