CR-2000

WATERPROOF WIEGAND CARD READER / KEYPAD

Applications

The CR-2000 is an inductive contact-less card reader in a metal water proof housing that also acts as a keypad control. The CR-2000 provides safe secure access control for any combination of 2000 users by the use of the Mifare pass card or individual user pass codes.

The CR-2000 has low power consumption (30mA standby) luminous keypad for nighttime use, Short circuit protection, tamper alarm output, and the Wiegand output for monitoring of user access.

The CR-2000 may also be used stand alone for access control of doors, gate and barrier arms.

CR2000

EMX

INDUSTRIES

Features

- Low 30 mA standby current
- Luminous keypad: for nighttime operation
- 2000 user support
- Independent password support (may use code or card for access)
- Keypad user delete (for lost or stolen cards or codes)
- Output short circuit protection
- Wiegand output: Wg26 for cards or Wg4 for keypad
- Tamper alarm output
- Doorbell button: Independent from circuit works with any doorbell
- User pass card code change (allows user to use code they can remember in case card is lost or forgotten)

Accessories

CARX-20 Accessory Access Card

Technical Data

Operating Voltage	9-28 VDC
Current draw standby	$< / = 30$ mA
Read range	1.1 in (3cm) – 3.1in (8cm)
Capacity (users)	2000 card and or pass codes
Operating Temperature	-13ºF (-25ºC) to 140ºF (60ºC)
Operating Humidity	10% ~ 90%
Electric Lock output	$< / = 3A$
Alarm output	$< / = 20A$
Short circuit protection time	$< / = 100 \mu S$
Activation time	0 ~ 99 seconds (adjustable)
Size	4.74in (120mm) x 2.2in (56mm) x 0.71in (18mm)
Weight	1.62 lbs.

Ordering Information

- **CR-2000** Waterproof Wiegand Card Reader / Keypad
- **CARX-20 Accessory Access Card** Mifare 26 bit Wiegand Format