

CR-975 Access Control RFID Card Reader

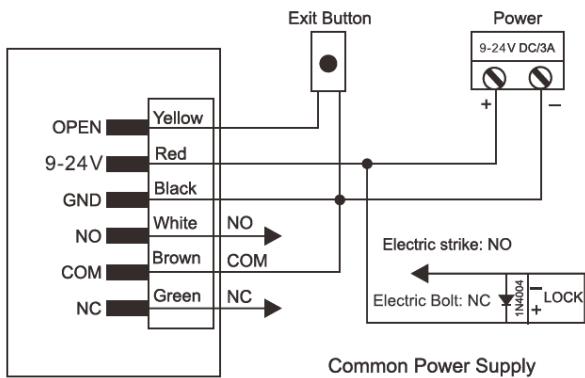
Features

- Waterproof IP65 for outdoor use.
- Stainless Steel Faceplate with Steel Black Powder Finish.
- Tri-color LED status display.
- Latch mode to hold gate or door open.
- Card type: 125KHz EM card.
- User capacity: 3000 cards.

Sound and Light indications

Operation Status	LED	Buzzer
Stand by	Red	
Enter into adding master mode	Yellow	One Beep
Enter into programming mode	Yellow	Two Beeps
Operation Error		Three Beeps
Exit programming	Red	One Beep
Open Gate or Door	Green	One Beep

Attn: Install the 1N4004 Diode when using a common power supply, or the device might be damaged. 1N4004 Diode is included in packaging.



Wiring

Wire Color	Function	Notes
Yellow	Open	Request to Exit Input
Red	Power +	9-24V DC
Black	GND	Ground
White	NO	Normally Open
Brown	COM	Common
Green	NC	Normally Closed

PROGRAMMING

• Add Master Card

Power off, press the Exit Button

Hold it and power up reader, there will be a beep.

Release the Exit Button, then there will be a long beep, and LED turns Yellow.

Master Card included in packaging, if you need to change the Master Card, apply the next step.

Then place any EM card on reader three times, this will be the Master Card. This will replace the original Master card automatically and no need to delete old Master Card.

• Add a User Card

Place Master Card on reader

Place new user card on reader three times (adding multiple cards replete this step)

Place Master Card on reader again

• Delete a User Card

Place Master Card on reader TWICE

Place user card on reader (deleting multiple cards replete this step)

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- **Set Relay Configuration**

Power off, press the Exit Button

Hold it and power up reader, there will be one beep, keep holding until you hear two beeps.

Release Exit Button, there will be a long beep and the LED turns Yellow.

Your now in Relay Configuration Mode.

Note: If no programming in Relay Configuration mode for 10 seconds, it will exit automatically.

- **Latch Mode:**

Press the Exit Button and hold it, until you hear three beeps

Release the Exit Button

Set the relay to the latch mode and exit.

- **Pulse Mode:**

Press the Exit Button and hold it, until you hear three beeps, continue to hold it and there will be one beep every second.

After the number of beeps after **X** beeps, release the Exit Button(**X** means 1-99)

Example after 10 beeps, release the Exit Button, and the relay will be set to 10 seconds.

The factory default time is 5 seconds.

- **Reset to Factory Default:**

Power off

Press the Exit Button, and apply power, there will be one beep, hold until three beeps

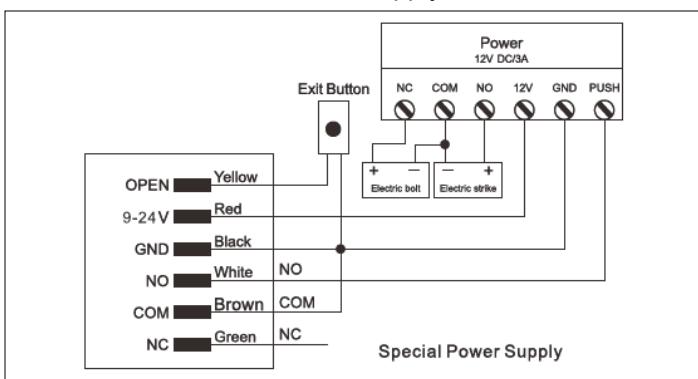
Release the Exit Button, the LED turns Yellow.

Press the Exit Button again for 10 seconds, there will be a long beep, and the LED will turn RED, the device has been reset successfully.

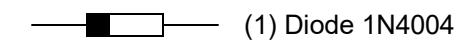
Note: When reset to factory default, ALL the users information will be erased. Use with Caution.

Specifications	
User Capacity	3000 Cards
Operating Voltage	9-24V DC
Prox Card Reader	EM 125KHz
Read Range	1 inch
Wiring Connections	Relay Output, Exit Button
Relay	One (NO,NC,Common)
Adjustable Relay Time	0-99 Seconds

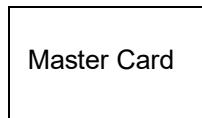
SGC Access Controls Power Supply



Package Includes



(1) Diode 1N4004



(1) Master Card



(5) Access Cards

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