

PROXIMITY C A R D READERS

Access control is an important element of your security system. So when you want dependable security and unrivalled quality, turn to Paradox Security Systems. Paradox readers have an elegant look on the outside and superior technology on the inside. Paradox offers you a vast selection of indoor and outdoor readers from cost-effective to high-end, as well as a full range of accessories, all designed to deliver performance and durability.



Proximity Card Readers



CR-R870-A

Indoor Proximity Reader with 10cm (4in) Read Range

- Indoor installation only
- Covers single gang box
- Screw terminals offer quick and easy installation
- Up to 10cm (4in) read range with CR-R702-A Clam Shell Card
- Two status LEDs (red and green) and beeper
- Available in black or white
- 26-bit Wiegand output format
- Low cost

Specifications: input voltage 11Vdc to 14.5Vdc; current consumption 39mA; exciter field 125KHz pulse modulated; operating temperature 10°C to 65°C (50°F to 149°F); cable distance 152m (500ft); dimensions 11cm x 7.3cm x 2cm (4.5in x 2.8in x 0.8in)



CR-R885-BL

Indoor/Outdoor Proximity Reader and Keypad with 10cm (4in) Read Range

- Extreme weather-resistant design
- Use as a keypad, reader or both
- Embedded 12-button keypad
- Up to 10cm (4in) read range with CR-R702-A Clam Shell Card
- Programmable face light, LEDs and buzzer
- Panic alarm output
- User-selectable PIN
- Keypad lockout feature
- 26-bit Wiegand output format

Specifications: input voltage 11Vdc to 14.5Vdc; current consumption 65mA; exciter field 125KHz pulse modulated; operating temperature -25°C to 65°C (-13°F to 149°F); cable distance 152m (500ft); dimensions 14.6cm x 5.0cm x 2.5cm (5.75in x 2.0in x 1.0in)



CR-R885-SB

Indoor/Outdoor Stand-Alone Proximity Reader and Keypad with 10cm (4in) Read Range

- Extreme weather-resistant design
- Use as a keypad, reader or both
- Embedded 12-button keypad
- Up to 10cm (4in) read range with CR-R702-A Clam Shell Card
- Programmable face light, LEDs and buzzer
- Panic alarm output
- User-selectable PIN
- Keypad lockout feature
- Programmable PIN and card combinations
- 1000 users

Specifications: input voltage 11Vdc to 14.5Vdc; current consumption 65mA; exciter field 125KHz pulse modulated; operating temperature -25°C to 65°C (-13°F to 149°F); cable distance 152m (500ft); dimensions 14.6cm x 5.0cm x 2.5cm (5.75in x 2.0in x 1.0in)

Proximity Card Readers



CR-R890-BL

Indoor/Outdoor Proximity Reader with 61cm (24in) Read Range

- Extreme weather-resistant design
- Up to 61cm (24in) read range with CR-R702-A Clam Shell Card
- Automatic read-range calibration
- 26-bit Wiegand output format
- Tricolor LED display
- Advanced SwiftRead Technology
- Elegant face light

Specifications: input voltage 11Vdc to 16Vdc; current consumption 600mA; exciter field 125KHz pulse modulated; operating temperature -35°C to 65°C (-31°F to 149°F); cable distance 152m (500ft); dimensions 20.7cm x 20.0cm x 2.0cm (8.1in x 7.9in x 0.8in)



DGP-R910

4-Wire Indoor/Outdoor Proximity Reader

- Requires only 4 wires to connect when used with a 4-Wire Access Control Module V3.0 or higher (DGP-ACM11)
- In-field upgradeable: Update the DGP-R910's firmware by connecting it to a PC via a 306USB and then using the WinLoad Installer Upload/Download software
- Adjustable red/green LED intensity and buzzer frequency
- Extreme weather-resistant design
- Up to 10cm (4in) read range with CR-R702-A access card
- Supports RS-485 output format
- Tricolor LED display
- Advanced SwiftRead Technology
- Elegant blue face light

Specifications: input voltage 11Vdc to 14.5Vdc; 115mA maximum current consumption; exciter field 125KHz pulse modulated; operating temperature -35°C to +65°C (-31°F to +149°F); cable distance 300m (1000ft); UV resistant, ABS plastic; size 10cm x 12cm x 2cm (5.75in x 2in x 0.8in)



MG-WR1

Magellan Access Receiver with Wiegand Interface

- Unlock doors using a remote control
- 26-bit Wiegand output format
- Supports unlimited number of MG-REM1 Remote Controls and/or MG-RAC1 Remote Controls with Integrated Access Card
- Each remote control has a programmable family number and up to 5 card numbers
- Panic feature
- Control access to 2 doors with 1 interface
- Ideal for parking and condominium applications
- Available in 433MHz and 868MHz

Specifications: input voltage 12Vdc; current consumption 50mA; exciter field 125KHz pulse modulated; operating temperature 0°C to 49°C (32°F to 120°F); one relay output - form "C" relay rated at 5A/28Vdc; dimensions 15.0cm x 16.0cm x 3.0cm (6.0in x 6.5in x 1.1in)



MG-RAC1

Magellan Remote Control with Integrated Access Card

- Built-in access card (present remote to a reader like an access card)
- Water resistant stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- Available in 433MHz or 868MHz
- Wireless transmission range of 60m/200ft (typical in a residential environment)
- Operates with one 3V lithium battery

Proximity Cards



CR-R704-B

Blue Proximity Keytag

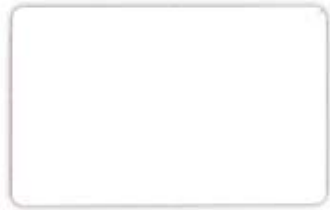
- Attaches conveniently to a key ring
- Durable clear blue plastic housing
- Passive (no battery required)
- Complete with custom label option



CR-R702-A

Clam Shell Card

- Convenient credit card size
- Super-thin and flexible
- Vertical slot for clip attachment
- Durable PVC housing (white)
- Passive (no battery required)



CR-R706-A

2-Sided High-Gloss ISO Card

- Convenient credit card size
- Super-thin and flexible
- Vertical or horizontal slot for clip attachment
- Durable PVC housing (white)
- Passive (no battery required)
- Suitable for high-quality photo ID printing

Feature	Indoor	Outdoor	Read Range	Output Format	PIN Capability	Relay Output	Stand-alone Mode	Remote Interface	4-Wire Connection
CR-R870-A	✓	-	10cm (4in)	i.	-	-	-	-	-
CR-R885-BL	✓	✓	10cm (4in)	i.	✓	-	-	-	-
CR-R885-SB	✓	✓	10cm (4in)	i.	✓	-	✓	-	-
CR-R890-BL	✓	✓	61cm (24in)	i.	-	-	-	-	-
DGP-R910	✓	✓	10cm (4in)	ii.	-	-	-	-	✓
MG-WR1	✓	-	-	i.	-	✓	-	✓	-

i. 26-bit Wiegand

ii. RS-485