

PRX-90/A

Advanced long-rang proximity reader

PRX-90/A is an extended range proximity reader featuring compact dimensions and read range of up to 90 cm*. The unit is particularly suitable for access control, car parking and through-wall reading applications.

The same basic unit can be configured to output most of the common interface formats, including Wiegand, Mag-stripe and RS-232 serial ASCII and RS485 output, making it easy to upgrade any existing installation.

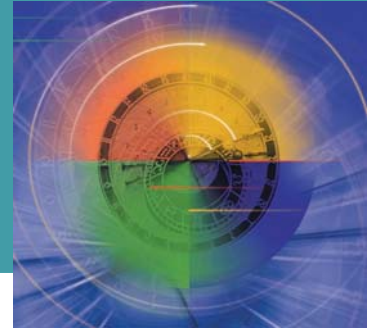


- Contactless reading
- Weather resistant
- Reading distance up to 90 cm*
- Externally programmable interface
- Potted for environmental protection
- User convenience
- Easy to install
- Unique design
- Relay control
- Firmware download model
- Status & tuning LED display

* Installed in optimal conditions, used with original power supply unit, high quality proximity cards, and installed in an area of no metal or electromagnetic interferences with reader's frequency



PRX-90/A



Advanced long-rang proximity reader

Technical specifications

Power Requirements:

In order to achieve optimal reading distance, the type of power supply unit is of utmost importance. It is therefore recommended that the reader operates only with the original power supply unit provided.

- External power supply:

Input voltage: AC 120/ 60Hz or 230V/50Hz

Output voltage: DC 18~ 19.2V / 1.5A (Max)

Interface:

- Wiegand: 26 bits
- MSR ABA Track2 : ISO, ABA TK2 emulation
- RS232: Serial ASCII, 9600, N, 8, 1 (Relay control)
- Interface Cable - 90 cm
- Read Range: Up to 90 cm at 18~ 19Vdc with ISO card in ideal conditions or up to 130cm with special clamshell card
- Frequency: 125KHz, ASK
- Transponder: Read only
- Chip type: EM H4001 / H4002 compatible
- ID code: 10 digits in Hex; 125KHz, ASK; 64 bits , Manchester coding
- Audio / Visual indication: Internal LED and Buzzer

Mechanical specifications

- Dimensions: 420 (L) x 320 (W) x 45(H) mm
- Housing material: ABS

Environmental

- Operating temperature Range: -10 to 60 Deg C
- Operating relative Humidity: 10 ~ 90%
- High sensitivity to metallic or electromagnetic interference

Application: Access Controls

- Car Parking Systems
- Through-wall Reading Application
- Personal Identification
- Any Long Range reading Applications
- Hand Free Applications



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Pictures in this brochure are for illustration purposes only.
The technical data sheet packed with the product is the only obligatory source of technical information.

