

Nano Prox Card Reader



The Nano Prox Card Reader is a 125KHz multiple format RFID proximity card reader. It provides the reading component of access control, time and attendance and alarm systems.



The Nano Prox Card Reader is a 125KHz multiple format RFID proximity card reader. It provides the reading component of access control, time and attendance and alarm systems.

Dual LED Outputs and independently operated beeper connections allow the Nano Prox Card Reader to integrate with all existing and new installations. The unit is programmable using a programming card:

- Bi color LED (red and green) with independent or single LED control.
- Programmable Wiegand data formats from 26 to 128 Bit with card configured Output.
- Keep alive transmission every 30 seconds for intelligent tamper management.
- Fully encapsulated design for outdoor and indoor operation
- Beeper activation does not prevent card read operation
- Extensive programmable features using programming card

Added Intelligence

In single LED operation the unused spare LED input can be programmed to function as a command button for Wiegand control messages (REX, REN, arm button).

Multiple Format

The Nano Prox Card Reader offers superior functionality by being programmed to read all popular 125KHz cards, Position Technology, HID, Paradox and ICT cards. Selection of the card reading technology can be made through programming.

Complete Standalone Solution

A built in standalone access control function is part of all ICT proximity readers and PIN reader units. 128 standalone users with 3 access level configurations. Add the optional PRX-SAM (Nano Prox Standalone Module) to connect with the prox management software (free download, no license).

128 Standalone Users

3 access levels (user, super user and master). Master can program cards using their card, super user can activate the latch unlock functions for latch unlocking of doors. Complete programming can be done using the prox management software. Interfaces to the Nano Prox Standalone Module (onboard lock relay).



For Further Information Contact:

CARDz MIDDLE EAST

Office No. 106, Al Nasa Building
Al Maktoum Road, Deira Dubai, UAE
P.O. Box 95781, T: +97142293780, F: +97142293790
Email: sales@cardzme.com, Web: www.cardzme.com

Technical Specifications	
Operating Voltage	12VDC (9.5 to 14VDC)
Operating Current	130mA (peak, reading)
Card Read Range	120mm (4")
Tag Read Range	80mm (2.95")
Standalone Operation	100 users 3 access levels (master, super, user)
Wiegand Interface	Multiple format 26, 34, 37 Bit data 0 and data 1, card defined.
Max Cable Distance	150m (492ft)
Frequency	13.56Mhz
Multi Conductor Cable	22Awg alpha 5196, 5198, 18Awg alpha 5386, 5388, 18Awg beldon 9553.
Environment IP Rating	IP55
Operating Temperature	-35° to 65°C (-31° to 149°F)
Dimensions (H x W x D)	80 x 42 x 15mm (3.14 x 1.65 x 0.59")
Weight	124g (4.37oz)
Read range is specified using an ICT card format and the card is presented parallel to the reader using installation procedures detailed in the product manual without any electrical interference present. Specifications are subject to change without notice, please visit www.integratedcontroltechnology.com for updated information.	

Ordering Code	Description
PRX-NANO	Nano Prox Card Reader

Disclaimer:

Whilst every effort has been made to ensure accuracy in the representation of this product, neither Integrated Control Technology Ltd or any employee of the company, shall be liable on any ground whatsoever to any party in respect of decision or actions they may make as a result of using this information. In accordance with the Integrated Control Technology policy of enhanced development, design and specifications are subject to change without notice.

International Compliance Standards:

The Nano Prox Card Reader complies with the following international standards. For an installation of the Nano Prox Card Reader to comply with any of the standards all installation procedures and programming configuration settings must be made in accordance with the required standard.



ICT CODE: 245-4060-001 V: 90CA