



PROXIMITY PRODUCTS

**Vario Prox Card Reader
(PRX-VARIO)**

The VarioProx 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 VarioProx to integrate with all existing and new installations. Intelligent tuning of the onboard circuit provides an extended read range.

Interface and Connectivity

The VarioProx provides a completely standalone solution or integrate directly with your access control, alarm or time and attendance system:

- 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 customization using programming card.
- Extended Read Range up to 200mm (8 inches) with Clamshell type cards.

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 VarioProx offers superior functionality and can easily be programmed to read most popular 125KHz cards, Position Technology®, HID®, Paradox® and ICT card.

Complete Standalone Solution

ICT Proximity Readers and PIN Reader units. 128 standalone users with 3 access level configurations. Add the optional PRX-SAM Standalone Interface 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 PRX-SAM Standalone Interface (onboard lock relay).

Technical Specifications		
Power	Operating Voltage Operating Current	11.5VDC to 14.25VDC 49mA (120mA Peak Reading Card/Tag)
Cable Specifications	Wiegand Interface Multi Conductor 22Awg Alpha 5196, 5198	18Awg Alpha 5386, 5388 18Awg Beldon 9553
Communication	Wiegand Multiple Format 26, 34, 37 Bit Data 0 and Data 1	Distance 150 Meters (500 feet)
Frequency	Carrier	125Khz (Pulse Width Modulated)
Temperature	Operating	-35° to +65°C (-31° to +149°F)
Dimensions	Height Width Depth Weight	180mm (7.08") 70mm (2.75") 18mm (0.7") 200gms (7.5 ounces)

International Compliance Standards:

The VarioProx™ complies with the following international standards.

For an installation of the VarioProx™ to comply with any of the standards all installation procedures and programming configuration settings must be made in accordance with the required standard.



Disclaimer:

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