

# DualPROX™

## Panel Mount Proximity Reader



### GENERAL DESCRIPTION

The new and updated *DualPROX* reader reads both old PAC and new 125kHz type cards and tokens. The reader will output card or token numbers in either standard Wiegand 26-bit or 44-bit as well as PAC compatible serial data.

The Wiegand data output format can be connected to most access control systems. The PAC serial output can be connected directly to PAC 1000, PAC 1100, PAC 2000 and PAC 2100 controllers. It will simulate a PAC reader and can be connected to the controller's reader port without an interface. Token and card codes are the same as from a PAC reader.

As an end user the new *DualPROX* allows you to use the reader on existing PAC systems and yet gives you the option of moving to other manufacturers access control systems without the need of changing readers or tokens.

### FEATURES

- Reads PAC tokens and cards - including new 125kHz cards and tokens
- Reading range up to 50 mm
- Connects directly to PAC controllers
- Simultaneous PAC and Wiegand data outputs
- Selectable 26-bit or 44-bit Wiegand data output
- Red and Green 4 mm LED's or 3 mm Tri-colour LED and a Buzzer\*
- Fully encapsulated - IP66
- Flexible and low cost alternative to PAC readers



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## Access Control

### Technical Specifications

Size:  
103mm H x 103mm W x 16mm D

Colour:  
Black

Material:  
316 Marine Grade Stainless Steel

Reading range:  
Up to 80 mm dependant on the type of token or card

Operating Temperature:  
-30 °C to + 50 °C Ambient

Rating:  
IP 66  
suitable for outdoor use

Supply voltage:  
6 V DC to 24 V DC

Total supply current:  
< 70 mA

Data Outputs:  
Selectable 26-bit or 44-bit Wiegand & PAC Serial Data

Cable length supplied:  
3 metres

Wiring connections:

Red	+V
Black	0V
White	Data 1
Green	Data 0
Blue	PAC Data Signal
Yellow	LED
Orange	Select Wiegand 26-bit or 44-bit Data Output
Brown	Buzzer