

## DP2200P Panel Mount *DualPROX*® Proximity Reader

### PRODUCT DESCRIPTION

The *DualPROX*® reader originally designed by JTI Technologies reads both old PAC and new 125kHz type cards and tokens. It provides two simultaneous data outputs, one for connection to PAC controllers, and the other a selectable 26-bit or 44-bit Wiegand data output.

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.

The *DualPROX*® allows installers and system integrators to easily integrate with many different types of host system controllers for which they only need to stock one type of reader regardless of the system they intend to use it with.

*DualPROX*® readers can be used on existing PAC systems and provide the option of migrating to other manufacturers' access control systems without the need to change readers or tokens.

The panel mount reader is suitable for fitting behind standard door entry panels.



### SPECIFICATIONS

#### Electrical

Supply Voltage:	6Vdc to 24Vdc
Current Requirement:	< 70 mA

#### Physical

Dimensions (mm):	55 x 55 x 16 (H x W x D)
Material:	ABS Plastic
Rating:	IP66 - suitable for outdoor and indoor use
Mounting:	Mounting hole centres 48mm, fits standard door entry panels

#### Environmental

Operating Temperature:	-30°C - 50°C Ambient
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#### Data Output

Wiegand:	26-bit or 44-bit Wiegand (selectable) for use with a wide range of tokens/cards and controllers
PAC:	PAC compatible serial data for use with old and new PAC tokens/cards and controllers Other data outputs available on request.

#### Connection

Pigtail Cable Length:	0.5mm
Cable Gauge:	7/0.2, 0.22mm stranded
Conductors:	8 core

#### Operational

Reading Range:	Up to 80mm depending upon the type of token or card
LED Operation:	One tri-colour LED, normally Red -blinks when token or card is read. Changes to Green when signal received from host controller on the LED line (active low)

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## Connection Details

<b>RED</b>	+V
<b>Black</b>	0V
<b>White</b>	Data 1
<b>Green</b>	Data 0
<b>Blue</b>	PAC Data Signal
<b>Yellow</b>	LED
<b>Orange</b>	Select Wiegand 26-bit (to 0v) or 44-bit (to +V)
<b>Brown</b>	Not Used

## Alternative Products

<b>EM2100/P</b>	Panel mounted proximity reader
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## Ordering Information

<b>DP2200/P</b>	Panel mounted <i>Dual</i> PROX® reader
<b>NP-Card-PK</b>	Pack of 10 randomly numbered proximity cards blank on both sides, suitable for die-sublimation printing
<b>NP-Card-RND-xxx</b>	Randomly numbered proximity card with custom artwork
<b>NP-Fob-RND</b>	Randomly numbered proximity key fob
<b>NP-Fob-RND-xxx</b>	Randomly numbered proximity key fob with custom artwork
<b>NP-Card-S</b>	Sequentially numbered proximity cards blank on both sides, suitable for die-sublimation printing
<b>NP-Card-S-xxx</b>	Sequentially numbered proximity card with custom artwork
<b>NP-Fob-S</b>	Sequentially numbered proximity key fob
<b>NP-Fob-S-xxx</b>	Sequentially numbered proximity key fob with custom artwork