

DP2200V Vandal Resistant *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.

**SPECIFICATIONS****Electrical**

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

Physical

Dimensions (mm): 103 x 103 x 15 (H x W x D)
Material: Marine grade stainless steel -316
Rating: IP66 - suitable for outdoor and indoor use

Environmental

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

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: 0.5m
Cable Gauge: 7/0.2, 0.22mm stranded
Conductors: 8 core screened

Operational

Reading Range: Up to 50mm 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

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

Alternative Products

DP2200/SL	Slimline <i>DualPROX</i> [®] reader
EM2100/V	Vandal resistant proximity reader
EM2100/SL	Slimline proximity reader

Ordering Information

DP2200/V	Vandal resistant <i>DualPROX</i> [®] reader
NP-Card-PK	Pack of 10 randomly numbered proximity cards blank on both sides, suitable for die-sublimation printing
NP-Card-RND-xxx	Randomly numbered proximity card with custom artwork
NP-Fob-RND	Randomly numbered proximity key fob
NP-Fob-RND-xxx	Randomly numbered proximity key fob with custom artwork
NP-Card-S	Sequentially numbered proximity cards blank on both sides, suitable for die-sublimation printing
NP-Card-S-xxx	Sequentially numbered proximity card with custom artwork
NP-Fob-S	Sequentially numbered proximity key fob
NP-Fob-S-xxx	Sequentially numbered proximity key fob with custom artwork