



ioProx Proximity Readers

Features That Make a Difference:

- Choose from TURNSTILES eXtended Secure Format (XSF) or 26-bit Wiegand format
- Digital Signal Processing (DSP) for enhanced security
- Weatherproof design for indoor and outdoor applications
- Integrated piezo buzzer & bicolor LED
- Integrated tamper switch on P600 (optional on other models)
- The use of quick connect terminal blocks (P225 and P325 series) allows for easy wiring and saves you time and money
- Use the keypad's * and # buttons in conjunction with the EntraPass software to arm and disarm external alarm panels
- Up to 73 cm (29 in) read range (P600)



Choose from five ioProx readers that easily meet the demands of any application. The readers are attractive, compact, weatherized, and vandal-resistant, making them suitable for installation in a variety of environments.

Easy Installation

Snap-and-lock terminal blocks (P225 and P325 series) allow for easy wiring, saving time and money.

Voltage Requirements

Depending on the model selected, power requirements range from 4.5 to 14 VDC (P225 and P325 series) or 12 to 28 VDC (P600), providing compatibility with virtually any controller on the market. This allows a system to be upgraded simply by changing readers and cards without rewiring.

Integrated 12-Button Keypad

Integrated keypad models are ADA-compliant and based on the 8-bit burst industry standard. Convenient features such as arming/disarming and alarm triggering are pre-programmed for use with TURNSTILES EntraPass software.

Read Range

Depending on the model selected and the environmental conditions, read range varies from 16.5 cm to 73 cm (6.5 in to 29 in). With its extended range, the P600 Long Range Reader is ideal for parking lots and applications where an extended read range is needed to facilitate access.

Unshielded Cable

ioProx readers can be installed using unshielded cable to a distance of up to 300 m (1000 ft) from the controller. Using this type of cable significantly reduces installation costs.

XSF Security

TURNSTILES eXtended Secure Format (XSF) readers are compatible only with TURNSTILES EntraPass software which includes access to over four billion unique codes. TURNSTILES' XSF cards provide increased security against card duplication.

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SPECIFICATIONS

| | P225/P225KP Mullion | P325/P325KP Single Gang | P600 Long Range |
|-----------------------------------|---|---|---|
| Typical Read Range | Up to 16.5 cm (6.5 in) | Up to 20.5 cm (8 in) | Up to 73 cm (29 in) |
| Input Voltage | 4.5 to 14 VDC | 4.5 to 14 VDC | 12 to 28 VDC |
| Current DC Maximum | 45 mA | 45 mA | 1 A |
| Dimensions (H x W x D) | 114.3 x 44.5 x 21.3 cm (4.50 x 1.75 x 0.84 in) | 115.6 x 71.1 x 21.3 cm (4.55 x 2.80 x 0.84 in) | 285 x 285 x 31.5 cm (11.25 x 11.25 x 1.25 in) |
| Weight | 90 g (3.2 oz) | 150 g (5.3 oz) | 1085 g (38.3 oz) |
| Format | XSF or 26-bit Wiegand | XSF or 26-bit Wiegand | Field configurable for XSF or 26-bit Wiegand |
| Maximum Distance From Controller: | | | |
| Reader Power 5 VDC | 137 m (450 ft) | 150 m (500 ft) | — |
| Reader Power 12 VDC | 300 m (1000 ft) | 300 m (1000 ft) | 150 m (500 ft) |
| Reader Power 28 VDC | — | — | 300 m (1000 ft) |
| Cable Type | #22 AWG Belden ref #8742 3 twisted pairs, unshielded | #22 AWG Belden ref #8742 3 twisted pairs, unshielded | #18 AWG Belden ref #5304UE 6 wires, unshielded |
| Tamper Switch | Optional P-TAMP | Optional P-TAMP | Integrated |
| High Endurance Braille Keypad | P225KP only | P325KP only | N/A |

Common Specifications

| | | | |
|--------------------|----------------------|-----------------------|--------------------------------|
| Color | Black | Operating Temperature | -35°C to 65°C (-30°F to 150°F) |
| Transmit Frequency | 125 kHz | Certifications | FCC Part 15 Class B, CE, UL |
| LED Indicator | Bicolor (Red, Green) | Environmental | RoHS, WEEE |
| Piezo Buzzer | Integrated | | |



P600



P225XSF
P225W26



P325XSF
P325W26



P225KPXSF
P225KPW26



P325KPXSF
P325KPW26



P50TAG
Self-Adhesive
Tag



P40KEY
Keytag



P10SHL
Standard Shell Card



P20DYE
Dye-sub Card



P30DMG
Dye-sub Card
with Mag Stripe

Cards and readers shown are not to scale
XSF = Kantech eXtended Secure Format
W26 = 26-bit Wiegand format
ioProx cards are compatible with both XSF and 26-bit Wiegand format ioProx readers

KT0085-DS-200710-R01-LT-EN

Product offerings and specifications are subject to change without notice. Actual products may vary from photos.
Not all products include all features. Availability varies by region; contact your sales representative.
Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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