

ioProx™ Proximity Readers

- XSF (eXtended Secure Format) or Wiegand 26-bit format
- Up to 1000 ft. (300 m) unshielded cable
- Up to 29 in. (73 cm) read range (P600)
- Quick Connect Terminal Block (P225 & P325 series)
- Digital Signal Processing for enhanced security
- Indoor / outdoor use
- Integrated piezo & bicolor LED
- Integrated Tamper Switch on P600 (optional on other models)



P600
Actual size of P600 is 11.25 x 11.25 x 1.25 (HWD in.)

ioProx™ Proximity Readers

With five ioProx readers to choose from, you will find one that's right for your application! Their attractive, compact, weatherized and vandal-resistant design makes them suitable for installation in various indoor and outdoor environments.

Easy installation

The use of snap-and-lock terminal blocks (P225 and P325 series) allows for easy wiring and saves you time and money. Wall-mounting is a snap, thanks to the removable cover.

Voltage Requirements

Depending on the model selected, power requirements range from 5 to 14 VDC (P225 and P325 series) or 12 to 28 VDC (P600), for 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 the Kantech software.

Read Range

Depending on the model selected and the environmental conditions, read range varies from 6.5 in. (P225 series) to 29 in. (P600). With its extended range, the P600 Long Range Reader is ideal for parking lots and access applications where special consideration is needed to facilitate access.

Unshielded Cable

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

XSF Security

XSF (eXtended Secure Format) readers are compatible only with Kantech software, with access to over 4 billion unique codes. Kantech's XSF cards provide increased security and absolute guarantee against card duplication.

Technical Specifications	P225 / P225KP Mullion	P325 / P325KP Single Gang	P600 Long Range
Typical read range	up to 6.5 in. (16.5 cm)	up to 8 in. (20.5 cm)	up to 29 in. (73 cm)
Input voltage	4.5 to 14VDC	4.5 to 14VDC	12 to 28VDC
Current DC maximum	45 mA	45 mA	1 A
Dimensions (HWD) in.	4.5 x 1.75 x 0.84	4.55 x 2.80 x 0.84	11.25 x 11.25 x 1.25
Dimensions (HWD) mm	114.3 x 44.5 x 21.3	115.6 x 71.1 x 21.3	285 x 285 x 31.5
Weight	3.2 oz. (90 g)	5.3 oz. (150 g)	38.27 oz. (1085 g)
Color	Black	Black	Black
Transmit frequency	125 kHz	125 kHz	125 kHz
LED indicator	Bicolor (Red, Green)	Bicolor (Red, Green)	Bicolor (Red, Green)
Piezo buzzer	Integrated	Integrated	Integrated
Operating temperature	-30° F to 150° F (-35° C to 65° C)	-30° F to 150° F (-35° C to 65° C)	-30° F to 150° F (-35° C to 65° C)
Format	XSF or Wiegand 26-bit	XSF or Wiegand 26-bit	XSF or Wiegand 26-bit
Maximum distance from controller:			
• Reader power 5VDC	450 ft. (137 m)	500 ft. (150 m)	—
• Reader power 12VDC	1000 ft. (300 m)	1000 ft. (300 m)	500 ft. (150 m)
• Reader power 28VDC	—	—	1000 ft. (300 m)
Cable type: 3 twisted pairs, UNSHIELDED	#22 AWG Belden ref #8742	#22 AWG Belden ref #8742	#18 AWG UNSHIELDED, Belden 5304UE
Certification	FCC, CE & UL	FCC, CE & UL	FCC, CE & UL
Tamper switch	Optional P-TAMP	Optional P-TAMP	Integrated
High Endurance Braille Keypad	P225KP only	P325KP only	N / A



ioProx cards are compatible with both XSF and Wiegand 26-bit formats



XSF = eXtended Secure Format W26 = Wiegand 26-bit Format