Prox Premier Readers

Proximity readers level up with a modern design and enhanced functionality

We've taken the trusted performance and easy operation of the HID Prox readers you rely on — and made them even better. HID Prox Premier readers provide operational efficiencies in a sleek, modern form factor, while maintaining compatibility with your existing credentials and systems. Prox Premier readers enhance your building's aesthetics, contribute to sustainability efforts, protect your current investment, and simplify your access control operations with a path for higher security and app-based reader management

SUPPORTS A SEAMLESS TRANSITION

- **Build on What You Already Have —** Support the same 125 kHz HID Prox™, AWID and EM4102 technologies as current Prox readers
- **Familiar Functionality —** Operate similarly to current Prox readers, requiring minimal training for users and installers
- **Highly Compatible —** Work with existing Prox-based access control systems; no need to replace existing credentials or backend systems
- **Easy to Install —** Ready to go, right out of the box
- **Budget Friendly —** Offered at a similar price point as current Prox readers

MODERN, SUSTAINABLE DESIGN

- **Contemporary Appearance —** Features clean lines and a minimalist design, helping to present a more up-to-date image for your organization
- **Intelligent Power Management (IPM) —** Reduces reader power consumption by as much as 75% compared to standard operating mode
- **Recycled Content —** Contributes toward building LEED credits

DELIVERS OPERATIONAL EFFICIENCIES

- **Efficient —** Support for multiple credentials in out-of-the-box configuration
- **Convenient Control —** Supported by the HID Reader Manager mobile app
- **Field Upgradeable —** Readers can be updated without physical replacement, enabling secure upgrades for migration and extended life cycles

HIGHLY ADAPTABLE

- **Hardware Connection —** Allows Wiegand-based communication, with a broad range of format options
- **Flexible —** Simultaneous support for 125 kHz HID Prox, AWID and EM4102
- **Upgradability —** A range of upgrade options, including Seos credentials for higher security and mobile access

Base Part Number	900PXNNEK20000	920PXNNEK20000
Card Compatibility	HID Prox Secure Identity Object™ (SIO®) on Seos® Mobile credentials powered by Seos® (HID Mobile Access via NFC)	
Typical Read Range[1]	Single Technology Credentials	
	HID Prox, ID-1 cards: 2.8: (7 cm) HID Prox, tag/fobs: 1.6" (4 cm) Seos: 0.8" (2 cm)	HID Prox, ID-1 cards: 2.8: (7 cm) HID Prox, tag/fobs: 2.0" (5 cm) Seos: 1.2" (3 cm)
Mounting	Ideally suited for mullion-mounted door installations or any flat surface	Wall switch size, designed to mount and cover single gang switch boxes primarily used in the Americas and includes a slotted mounting plate for flexibility
Mounting Spacer	To be used when mounting on metallic surfaces, refer to How to Order Guide for part numbers	
Panel Connection	Pigtail only	
Panel Communication	Wiegand/Clock-and-Data interface 500 ft (150 m) (22 AWG) Use shielded cable for best results	
Color	Black	
Keypad	No	
Dimensions	1.9" x 4.3" x 0.9" (4.8 cm x 10.3 cm x 2.3 cm)	3.3" x 4.8" x 1.0" (8.4 cm x 12.2 cm x 2.4 cm)
Product Weight	4.0 oz (114 g)	7.8 oz (222 g)
Operating Voltage Range	5-16 VDC, Linear supply recommended	
Current Draw – Standard Power Mode[2] (mA)	75	85
Current Draw – Intelligent Power Management (IPM) Mode[2] (mA)	40	50
Peak Current Draw – Standard Power or IPM Mode[2] (mA)	200	
NSC[3] Power Consumption – Standard Power Mode (W @ 16VDC)	1.2	1.4
NSC[3] Power Consumption – IPM Mode (W @ 16VDC)	0.6	0.8
Operating Temperature	-31° to 150° F (-35° to 65° C)	
Storage Temperature	-67° to 185° F (-55° to 85° C)	
Operating Humidity	5% to 95% relative humidity non-condensing	
Environmental Rating	Indoor/Outdoor IP55; IP65 if installed with optional gasket (IP65GSKT)	
Transmit Frequency	13.56 MHz & 125 kHz	
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada)	
Crypto Processor Hardware Common Criteria Rating	EAL5+	
Patents	US7180403, US7439862, US7124943, US5952935, US6058481, US6337619	
Housing Material	UL94 Polycarbonate	
Manufactured with % of recycled content	10.5%	
UL Ref Number	RP10E	RP40E
Warranty	Limited Lifetime	

1 Read range listed is statistical mean rounded to nearest whole centimeter. HID testing occurs in open air. Some environmental conditions, including metallic mounting surface, can significantly degrade read range and performance; plastic or ferrite spacers are recommended to improve performance on metallic mounting surfaces.
2 Measured in accordance with UL294 standards; See Installation Guide for details.
3 NSC = Normal Standby Current; See Installation Guide for details.

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