

OmniProx™

Proximity Card Readers

Honeywell's OmniProx family is a complete line of 125 kHz HID compatible proximity readers that delivers outstanding and consistent performance in a small package with attractive styling and colors to fit any décor.

All OmniProx readers (except the OP90 and OP95) include three bezels: black, charcoal gray and ivory and are constructed with rugged polycarbonate materials potted for both indoor and outdoor applications.

The OmniProx family of readers combines unique functionality, high-quality engineering and design for a variety of applications in the electronic access control market.

OmniProx readers offer superb reliability and consistent read range. Installation is simple and fast with a mounting template included in all models. In addition the readers are compatible with the clock and data interface from the ACS-2 and ACS-8 controller.

Increased security functions like optical tamper and security screw prevent unauthorized users from removing the reader from the wall or attempting to compromise the system.

For locations that require a proximity reader to be able to withstand vandal-prone environments, the OP90 and OP95 vandal resistant readers are an ideal choice.



FEATURES AND BENEFITS

- Variety of sizes to choose from to fit any décor:
 - Mullion and mini-Mullion style
 - Single-gang style (US)
 - Single-gang style (UK)
- Host LED control and optical tamper output
- Hidden mounting screws deter vandalism
- Potted for superior weather-resistance
- Hold line for anti-passback applications with NetAXS-123
- Wiegand or Clock and Data output
- HID and EM410x Prox Compatible
- Includes vandal-resistant security and installation tool with every reader
- Adhesive-backed mounting template reduces installation time and risk of mounting errors
- Three bezels included with OP10, OP30, OP40 and OP45 reader models: black, charcoal gray and ivory
- Lifetime warranty
- ROHS compliant
- Compatible with card formats up to 85 bits in length including 26-bit, 34-bit and Corporate 1000 formats

OmniProx™ Proximity Card Readers Technical Specifications



	OP10 MINI-MULLION	OP30 MULLION	OP40 US GANG BOX	OP45 EURO GANG BOX	OP90 VANDAL RESISTANT	OP95 VANDAL RESISTANT
DESCRIPTION	Mini-mullion proximity reader	Large mullion proximity reader	Switch plate size, single-gang electrical box style for US	Switch plate size, single-gang electrical box style for UK	Vandal Resistant, single-gang reader	Vandal Resistant, single-gang reader with programmable and backlit keypad
DIMENSIONS (H x W x D)	3.0" x 1.5" x 0.5" (7.6cm x 3.8cm x 1.3cm)	5.6" x 1.5" x 0.8" (14.2cm x 3.8cm x 2.0cm)	4.2" x 2.8" x 0.6" (10.7cm x 7.1cm x 1.5cm)	3.3" H x 3.4" W x 0.6" D (8.4cm x 8.6cm x 1.5cm)	4.7" x 3.0" x 0.9" (11.9cm x 7.6cm x 2.3cm)	4.7" x 3.0" x 0.9" (12.0cm x 7.6cm x 2.2cm)
MAX. READ RANGE ¹	3.0" (7.6cm)	3.5" (8.9cm)	4.13" (10.5cm)	3.75" (9.5cm)	1.5" (3.8cm)	1.5" (3.8cm)
ENVIRONMENT	Indoor/Outdoor weather resistant, IP65 rated					
OPERATING CURRENT @ 12 VDC	60mA standby / 145 mA max					90mA standby / 135mA max
OPERATING VOLTAGE	5.0 - 16 VDC					
POWER SUPPLY TYPE	Linear or switching					
INTERFACE TO CONTROLLER	Max. cable distance to host: 500 ft./150 m (Wiegand output)					
INDICATORS	ADA compliant buzzer audible indicator, single tri-color (green-yellow-red) LED visual indicator					
TAMPER OUTPUT	Open collector, active high, max. sink current is 16 mA					
RED AND GREEN LED CONTROL INPUT	Dry Contact, N.O.					
RF MODULATION	125kHz, FSK / ASK					
HUMIDITY	0 - 95%, non-condensing					
TEMPERATURE	-35°C – 66°C (-31°F – 150°F)					
COLOR	Black, Charcoal Gray and Ivory (all three included)				Silver	
REGULATORY APPROVALS	USA and Canada: FCC Part15B, Industry Canada RSS-210, UL294; Europe: CE					
WARRANTY ²	Lifetime					

¹ Actual operating distance will vary depending on installation environment; separation of 16 inches is recommended when mounting multiple readers in close proximity. Read ranges obtained using clamshell credential.

² See Honeywell Access Systems' Sales Policy for complete warranty details.

ORDERING

OMNIPROX READER RANGE	
OP10HONS	OmniProx™ HID Compatible, Mini-Mullion Reader
OP30HONS	OmniProx™ HID Compatible, Mullion Reader
OP40HONS	OmniProx™ HID Compatible, Switch Plate, Single-Gang (US) Reader
OP45HONS	OmniProx™ HID Compatible, Switch Plate, Single-Gang (Euro) Reader
OP90HONS	OmniProx™ HID Compatible, Metal, Single-Gang (US) Reader
OP95HONS	OmniProx™ HID Compatible, Metal, Single-Gang (US) Reader with Programmable Keypad

For more information

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