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 & 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.

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 & 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

- Wiegand or Clock & Data output
- HID & 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 & ivory

- Lifetime warranty
- CE, RoHS and RED certified
- 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 keypad
DIMENSIONS	3.0" H x 1.5" W x 0.5" D (7.6cm x 3.8cm x 1.3cm)	5.6" H x 1.5" W x 0.8" D (14.2cm x 3.8cm x 2.0cm)	4.2" H x 2.8" W x 0.6" D (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" H x 3.0" W x 0.9" D (11.9cm x 7.6cm x 2.3cm)	4.7" H x 3.0" W x 0.9" D (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 & GREEN LED CONTROL INPUT	Dry Contact, N.O.					
RF MODULATION	125kHz, FSK / ASK					
HUMIDITY	0 - 95%, non-condensing					
TEMPERATURE	-35ºC – 66ºC (-31ºF – 150ºF)					
COLOR	Black, Charcoal Gray and Ivory (all three included)				Silver	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

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

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