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) include three covers: 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 vandal resistant reader is an ideal choice.
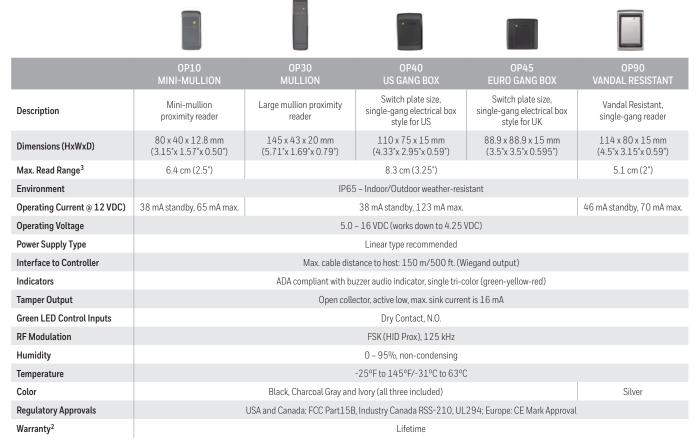
FEATURES & BENEFITS

- Variety of sizes to choose from to fit any décor:
  - Mullion and mini-Mullion style
  - Single-gang style (US)
  - Single-gang style (UK)

- ADA compliant, built-in audible buzzer
- Host LED control and tamper output
- Optical tamper detect mechanism provides output signal to host
- Hidden mounting screws deter vandalism

- Potted for superior weather-resistance
- Wiegand output
- HID 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

- Warranty: Limited lifetime warranty
- Compatible with 26-bit, 34-bit and Corporate 1000 formats

OmniProx™ Proximity Card Readers

SPECIFICATIONS

	OP10 MINI-MULLION	OP30 MULLION	OP40 US GANG BOX	OP45 EURO GANG BOX	OP90 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
Dimensions (HxWxD)	80 x 40 x 12.8 mm (3.15"x 1.57"x 0.50")	145 x 43 x 20 mm (5.71"x 1.69"x 0.79")	110 x 75 x 15 mm (4.33"x 2.95"x 0.59")	88.9 x 88.9 x 15 mm (3.5"x 3.5"x 0.595")	114 x 80 x 15 mm (4.5"x 3.15"x 0.59")
Max. Read Range[3]	6.4 cm (2.5")	8.3 cm (3.25")			5.1 cm (2")
Environment	IP65 – Indoor/Outdoor weather-resistant				
Operating Current @ 12 VDC)	38 mA standby, 65 mA max.	38 mA standby, 123 mA max.			46 mA standby, 70 mA max.
Operating Voltage	5.0 – 16 VDC (works down to 4.25 VDC)				
Power Supply Type	Linear type recommended				
Interface to Controller	Max. cable distance to host: 150 m/500 ft. (Wiegand output)				
Indicators	ADA compliant with buzzer audio indicator, single tri-color (green-yellow-red)				
Tamper Output	Open collector, active low, max. sink current is 16 mA				
Green LED Control Inputs	Dry Contact, N.O.				
RF Modulation	FSK (HID Prox), 125 kHz				
Humidity	0 – 95%, non-condensing				
Temperature	-25ºF to 145ºF/-31ºC to 63ºC				
Color	Black, Charcoal Gray and Ivory (all three included)				Silver
Regulatory Approvals	USA and Canada: FCC Part15B, Industry Canada RSS-210, UL294; Europe: CE Mark Approval				
Warranty[2]	Lifetime				

1. Actual operating distance will vary depending upon installation environment and proximity to metal.

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

3. Read ranges obtained using OmniProx Clamshell Credential

ORDERING

OMNIPROX READER RANGE	
OP10HONR	OmniProx, Mini-Mullion Reader
OP30HONR	OmniProx, Mullion Reader
OP40HONR	OmniProx, Switch Plate, Single-Gang (US) Reader
OP45HONR	OmniProx, Switch Plate, Single-Gang (Euro) Reader
OP90HONR	OmniProx, Metal, Single-Gang (US) Reader

COMPATIBLE HONEYWELL CREDENTIALS	
OHP0N26	OmniProx PVC Card 26 bit
OHP0N34	OmniProx PVC Card 34 bit
OHP0M26	OmniProx PVC Card 26 bit with Magnetic Stripe
OHP0M34	OmniProx PVC Card 34 bit with Magnetic Stripe
OHC0V26	OmniProx Clamshell Card 26 bit
OHC0V34	OmniProx Clamshell Card 34 bit

For more information
www.honeywell.com/security/uk

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