

# 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 and EM 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
- 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
<b>Description</b>	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
<b>Dimensions (HxWxD)</b>	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")
<b>Max. Read Range<sup>3</sup></b>	6.4 cm (2.5")	8.3 cm (3.25")			5.1 cm (2")
<b>Environment</b>	IP65 – Indoor/Outdoor weather-resistant				
<b>Operating Current @ 12 VDC</b>	38 mA standby, 65 mA max.	38 mA standby, 123 mA max.			46 mA standby, 70 mA max.
<b>Operating Voltage</b>	5.0 – 16 VDC (works down to 4.25 VDC)				
<b>Power Supply Type</b>	Linear type recommended				
<b>Interface to Controller</b>	Max. cable distance to host: 150 m/500 ft. (Wiegand output)				
<b>Indicators</b>	ADA compliant with buzzer audio indicator, single tri-color (green-yellow-red)				
<b>Tamper Output</b>	Open collector, active low, max. sink current is 16 mA				
<b>Green LED Control Inputs</b>	Dry Contact, N.O.				
<b>RF Modulation</b>	FSK (HID Prox), 125 kHz				
<b>Humidity</b>	0 – 95%, non-condensing				
<b>Temperature</b>	-25°F to 145°F/-31°C to 63°C				
<b>Color</b>	Black, Charcoal Gray and Ivory (all three included)				Silver
<b>Regulatory Approvals</b>	USA and Canada: FCC Part15B, Industry Canada RSS-210, UL294; Europe: CE Mark Approval				
<b>Warranty<sup>2</sup></b>	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		COMPATIBLE HONEYWELL CREDENTIALS	
OP10HONR	OmniProx, Mini-Mullion Reader	OHP0N26	OmniProx PVC Card 26 bit
OP30HONR	OmniProx, Mullion Reader	OHP0N34	OmniProx PVC Card 34 bit
OP40HONR	OmniProx, Switch Plate, Single-Gang (US) Reader	OHP0M26	OmniProx PVC Card 26 bit with Magnetic Stripe
OP45HONR	OmniProx, Switch Plate, Single-Gang (Euro) Reader	OHP0M34	OmniProx PVC Card 34 bit with Magnetic Stripe
OP90HONR	OmniProx, Metal, Single-Gang (US) Reader	OHC0V26	OmniProx Clamshell Card 26 bit
		OHC0V34	OmniProx Clamshell Card 34 bit

### For more information

[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

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