

## 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 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 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 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
- ROHS compliant
- Compatible with 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
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	3.15" H x 1.57" W x 0.50" D (80mm x 40mm x 12.8mm)	5.71" H x 1.69" W x 0.79" D (145mm x 43mm x 20mm)	4.33" H x 2.95" W x 0.59" D (110mm x 75mm x 15mm)	3.5" H x 3.5" W x 0.595" D (88.9mm x 88.9mm x 15mm)	4.5" H x 3.15" W x 0.59" D (114mm x 80mm x 15mm)
MAX. READ RANGE <sup>1</sup>	2" (6.4cm)	3.25" (8.3cm)			2.0" (5.1cm)
ENVIRONMENT	Indoor/Outdoor weather-resistant				
OPERATING CURRENT @ 5 VDC	38mA standby / 65mA max	38mA standby / 123mA max			46mA standby / 70mA 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: 500 ft./150 m (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				
RED LED CONTROL INPUT	Dry Contact, N.O.				
RF MODULATION	FSK, 125kHz				
HUMIDITY	0 - 95%, non-condensing				
TEMPERATURE	-25° F to 145° F / -31° C to 63° C				
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 <sup>2</sup>	Lifetime				

<sup>1</sup> Actual operating distance will vary depending upon installation environment and proximity to metal. Read ranges obtained using OmniProx Clamshell Credential.

<sup>2</sup> See Honeywell Access Systems' Sales Policy for complete warranty details.

## ORDERING

OP10HNR	OmniProx™ HID Compatible, Mini-Mullion Reader
OP30HNR	OmniProx™ HID Compatible, Mullion Reader
OP40HNR	OmniProx™ HID Compatible, Switch Plate, Single-Gang (US) Reader
OP45HNR	OmniProx™ HID Compatible, Switch Plate, Single-Gang (Euro) Reader
OP90HNR	OmniProx™ HID Compatible, Metal, Single-Gang (US) Reader

### For more information

[www.honeywellaccess.com](http://www.honeywellaccess.com)

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