

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.

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. For sites requiring vandal resistance and two-factor authentication, the OP95 reader includes a keypad to allow for PIN + Card validation.

FEATURES

- 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
- Hold line and buzzer control
- 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
- 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

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 keypad
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)	4.5" H x 3.15" W x 0.59" D (114mm x 80mm x 15mm)
Max. Read Range³	3" (7.6cm)	4" (10.2cm)			1.5" (3.8cm)	
Environment	Indoor/Outdoor weather-resistant					
Operating Current @ 12 VDC)	60mA standby, 120mA 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 and Green LED Control Inputs	Dry Contact, N.O.					
Hold Line Input	Dry Contact, N.O.					
EM Mode Input	Dry Contact, N.O.					
RF Modulation	ASK / 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	Silver
Regulatory Approvals	USA and Canada: FCC Part15B, Industry Canada RSS-210, UL294; Europe: CE Mark Approval					
Warranty²	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

OmniProx™ is a trademark of Honeywell International Inc.
HID is a registered trademark of HID Corporation.

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) Keypad Reader

For more information:

www.honeywellaccess.com

Automation and Control Solutions

Honeywell Security and Fire
2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.323.4576
www.honeywell.com

Honeywell

L/OMNIPROX/D
November 2015
© 2015 Honeywell International Inc.