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. In addition the readers are compatible with the clock&data interface from the ACS-2 and ACS-8 controller.

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
- 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 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 (H x W x D)	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")	114 x 80 x 15 mm (4.5"x 3.15"x 0.59")
MAX. READ RANGE[1]	7.6cm)	8.9cm	9.5cm		13.8cm	
ENVIRONMENT	Indoor/Outdoor weather resistant, IP65 rated					
OPERATING CURRENT @ 12 VDC	60mA standby / 155 mA max				90mA standby / 135mA max	
OPERATING VOLTAGE	5.0 - 16 VDC					
POWER SUPPLY TYPE	Linear type recommended					
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					
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 Read ranges obtained using OmniProx Clamshell Credential.
[2] See Honeywell Access Systems' Sales Policy for complete warranty details.

ORDERING

OMNIPROX READER RANGE		COMPATIBLE HONEYWELL CREDENTIALS	
OP10HONS	OmniProx Mini-Mullion Reader	OHP0N26	OmniProx PVC Card 26 bit
OP30HONS	OmniProx Mullion Reader	OHP0N34	OmniProx PVC Card 34 bit
OP40HONS	OmniProx Switch Plate, Single-Gang (US) Reader	OHP0M26	OmniProx PVC Card 26 bit with Magnetic Stripe
OP45HONS	OmniProx Switch Plate, Single-Gang (Euro) Reader	OHP0M34	OHP0M34 OmniProx PVC Card 34 bit with Magnetic Stripe
OP90HONS	OmniProx Metal, Single-Gang (US) Reader	OHC0V26	OmniProx Clamshell Card 26 bit
OP95HONS	OmniProx Metal, Single-Gang (US) Keypad Reader	OHC0V34	OmniProx Clamshell Card 34 bit

For more information

www.honeywell.com/security/uk

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