P-453
GIBRALTAR BULLET-RESISTANT PROXIMITY READER

DOORS   **PARKING**   **TURNSTILES**

Gibraltar Bullet Resistant

Frequency: 125 kHz
Read Range: Up to 1 inches (25 mm)

MAXSecure™
Unique Security Feature

fleaPower™
Energy-Conservation Technology

Pro-X™
Read-Range Boosting Technology

Warranty
LIFETIME
Lifetime Warranty

Wiegand, ABA Track II Magnetic Stripe or OSDP*
Output Interface

Mullion Mount
Door & Window Frames & Flat Surfaces

Vandal Resistant
Bullet Resistant

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*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-453-OSDP).

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Gibraltar vandal-resistant readers are designed to thrive in the most demanding access control applications. For superior durability, Gibraltar readers combine the power of Farpointe's *Pyramid Series* Proximity® 125-kHz proximity technology with a virtually indestructible exterior. Each Gibraltar reader is milled from a solid block of stainless steel and reinforced with a bullet-resistant *Shot* Blocker™ insert. Additionally, the reader ships standard with tamperproof screws. Installation examples may include schools, correctional facilities, housing authorities, and sites where heavy equipment is operated.

Specifications	P-453
Technology	Proximity
Frequency	125 kHz
Mounting	Mullions, including door and window frames, as well as flat surfaces
Dimensions	2" W × 5.25" H × 1" D (51 mm × 133 mm × 25 mm)
OEM Label Area Dimensions	0.9" W × 0.35" H (22.86 mm × 8.89 mm) with corner radius of 0.06" (1.5 mm)
Weight	24 oz (680 g)
Certifications	FCC, ICC, CE
IP Code[1]	IP67
Voltage[2]	+5 to 16 VDC
Current Draw	30 mA typical, 75 mA peak @ 12 VDC
Read Range[3]	Up to 1 inches (25 mm)
Cabling[4]	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats), ABA Track II magnetic stripe (clock and data) or OSDP[5]
Operating Temperature	−40° F to 149° F (−40° C to +65° C)
Color Options	N/A
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber, and off)
Tamperproof Screw Type	Contact Farpointe
Technologies Supported	P-453: *Pyramid Series* Proximity® Cards and Tags[6] P-453-H: Pyramid + certain HID® 125-kHz Proximity protocols[7] P-453-A: Pyramid + certain AWID® 125-kHz Proximity protocols[8] P-453-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

1   Self evaluated.
2   Linear power supplies are recommended for best operation.
3   Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
4   For example, Belden 9535 or similar, supporting the five conductors comprising the physical layer of the Wiegand interface (power, ground, data 0, data 1, and/or beeper and LED). Alternatively, Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP. Contact your access control system manufacturer for their specific requirements.
5   OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-453-OSDP).
6   Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
7   Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
8   Examples may include, and may not be limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card, and KT Key Tag.

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