




P-410

GUARDIAN VANDAL- RESISTANT PROXIMITY READER



Guardian Vandal Resistant

 **Frequency:** 125 kHz
Read Range: Up to 8 inches (202 mm)



MAXSecure™
Unique Security Feature



fleaPower™
Energy-Conservation Technology



Pro-X™
Read-Range Boosting Technology



Warranty
Lifetime Warranty



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



U.S. Double-Gang Wall-Box Mount
Metal or Plastic Box & Flat Surfaces



Vandal Resistant
Impact Resistant

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-410-OSDP).

P-410 GUARDIAN VANDAL-RESISTANT PROXIMITY READER

Guardian vandal-resistant readers are manufactured from thick polycarbonate material, feature epoxy potted electronics, and ship standard with tamperproof screws. Guardian readers are ideal for installations where more durability is required than the standard proximity reader. Such installations include schools, inner-city environments, correctional facilities, or sites where heavy machinery is operated.

Specifications	P-410
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US double-gang wall box, as well as flat surfaces
Dimensions	5" H × 5" W × 1" D (127 mm × 127 mm × 25 mm)
OEM Label Area Dimensions	0.9" H × 0.35" W (22.86 mm × 8.89 mm) with corner radius of 0.06" (1.5 mm)
Weight	13 oz (369 g)
Certifications	FCC, ICC, CE
IP Code ¹	IP67
Voltage ²	+5 to 16 VDC
Current Draw	35 mA typical, 75 mA peak @ 12 VDC
Read Range ³	Up to 8 inches (202 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	Black
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)
Technologies Supported	P-410: <i>Pyramid Series Proximity</i> ® Cards and Tags ⁶ P-410-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁷ P-410-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁸ P-410-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-410-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.

Farpointe Data reserves the right to change specifications without notice.



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