



P-300 CASCADE PROXIMITY READER



Pyramid Series Proximity®



Frequency: 125 kHz
Read Range: Up to 5 inches (126 mm)



MAXSecure™
Unique Security Feature



fleaPower™
Energy-Conservation Technology



Pro-X™
Read-Range Boosting Technology



ETL Listed — Independently Tested and Certified (Wiegand models)
Conform to UL Standard 294 and ULC 60839-11-1



Warranty
Lifetime Warranty



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



Mullion Mount
Metal Door, Window Frames & Flat Surfaces

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-300-OSDP).

P-300 CASCADE PROXIMITY READER

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-300
Technology	Proximity
Frequency	125 kHz
Mounting	Mullions, including metal door and window frames, as well as flat surfaces
Dimensions	1.7" W × 3.2" H × 0.7" D (43 mm × 81 mm × 18 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	3 oz (85 g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294, ULC 60839-11-1 ¹
IP Code ²	IP67
Voltage ³	+5 to 16 VDC
Current Draw	30 mA typical, 75 mA peak @ 12 VDC
Read Range ⁴	Up to 5 inches (126 mm)
Cabling ⁵	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 ⁶
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color Options	Black and a white snap-on cover included standard
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-300: <i>Pyramid Series Proximity</i> ® Cards and Tags ⁷ P-300-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁸ P-300-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁹ P-300-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated.
- 2 Independently tested and verified by Intertek.
- 3 Linear power supplies are recommended for best operation.
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 5 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.
- 6 OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-300-OSDP).
- 7 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 8 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 9 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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Apr-26-2021

www.farpointedata.com

P/N: 01105-001 · Rev. 2



P-500 ALPS PROXIMITY READER



Pyramid Series Proximity®



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



ETL Listed — Independently Tested and Certified (Wiegand models)
Conform to UL Standard 294 and ULC 60839-11-1



Warranty
Lifetime Warranty



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



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

*OSDP readers are independent models and need to be appended with the suffix “-OSDP” when ordering (Example: P-500-OSDP).

P-500 ALPS PROXIMITY READER

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-500
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Dimensions	3" W × 4.6" H × 0.4" D (76 mm × 117 mm × 10 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	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294, ULC 60839-11-1 ¹
IP Code ²	IP67
Voltage ³	+5 to 16 VDC
Current Draw	35 mA typical, 75 mA peak @ 12 VDC
Read Range ⁴	Up to 8 inches (202 mm)
Cabling ⁵	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 ⁶
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color Options	Black and a white snap-on cover included standard
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-500: <i>Pyramid Series Proximity®</i> Cards and Tags ⁷ P-500-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁸ P-500-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁹ P-500-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated.
- 2 Self evaluated.
- 3 Linear power supplies are recommended for best operation.
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 5 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.
- 6 OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-500-OSDP).
- 7 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 8 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 9 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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Apr-26-2021

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P/N: 01107-001 · Rev. 2



P-530 EUROMOUNT PROXIMITY READER



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 5 inches (126 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



European/Asian Wall-Box Mount
Metal or Plastic Box & Flat Surfaces

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-530-OSDP).

P-530 EUROMOUNT PROXIMITY READER

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-530
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic European and Asian wall box, as well as flat surfaces
Dimensions	3.25" W × 3.25" H × 0.8" D (82.5 mm × 82.5 mm × 20 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	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick
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 5 inches (126 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)
Operating Humidity	0% to 90% relative humidity
Color Options	Black and a white snap-on cover included standard
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-530: <i>Pyramid Series Proximity</i> ® Cards and Tags ⁶ P-530-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁷ P-530-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁸ P-530-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-530-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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Apr-27-2021

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P/N: 01108-001 · Rev. 2



P-620 DENALI MULLION-MOUNT READER & KEYPAD



Pyramid Series Proximity®



Frequency: 125 kHz
Read Range: Up to 5 inches (126 mm)



MAXSecure™
Unique Security Feature



fleaPower™
Energy-Conservation Technology



Pro-X™
Read-Range Boosting Technology



ETL Listed — Independently Tested and Certified (Wiegand models)
Conform to UL Standard 294 and ULC 60839-11-1



Warranty
Lifetime Warranty



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



Mullion Mount
Metal Door, Window Frames & Flat Surfaces

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-620-OSDP).

P-620 DENALI MULLION-MOUNT READER & KEYPAD

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-620
Technology	Proximity
Frequency	125 kHz
Mounting	Mullions, including metal door and window frames, as well as flat surfaces
Dimensions	1.78" W × 6.1" H × 0.91" D (45 mm × 155 mm × 23 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	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294, ULC 60839-11-1 ¹
IP Code ²	IP67
Voltage ³	+5 to 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12 VDC
Read Range ⁴	Up to 5 inches (126 mm)
Cabling ⁵	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 ⁶
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color	Black snap-on cover included standard
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)
Keypad Output ⁷	Either Wiegand or OSDP ⁶
Technologies Supported	P-620: Pyramid Series Proximity® Cards and Tags ⁸ P-620-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁹ P-620-A: Pyramid + certain AWID® 125-kHz Proximity protocols ¹⁰ P-620-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated.
- 2 Self evaluated.
- 3 Linear power supplies are recommended for best operation.
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 5 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.
- 6 OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-620-OSDP).
- 7 8-Bit Burst or 26-bit Wiegand standard, for 4-Bit Burst and other options, please contact Farpointe.
- 8 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 9 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 10 Examples may include, and may not be limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card, and KT Key Tag.



For proper PIN security with keypad readers, please review our [PIN Best Practices Reference Document](#).

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P-640

PATAGONIA

PROXIMITY

READER &

KEYPAD



Pyramid Series Proximity®



Frequency: 125 kHz
Read Range: Up to 7 inches (176 mm)



MAXSecure™
Unique Security Feature



fleaPower™
Energy-Conservation Technology



Pro-X™
Read-Range Boosting Technology



ETL Listed — Independently Tested and Certified (Wiegand models)
Conform to UL Standard 294 and ULC 60839-11-1



Warranty
Lifetime Warranty



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



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

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-640-OSDP).

P-640 PATAGONIA PROXIMITY READER & KEYPAD

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-640
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Dimensions	3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 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	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294, ULC 60839-11-1 ¹
IP Code ²	IP67
Voltage ³	+5 to 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12 VDC
Read Range ⁴	Up to 7 inches (176 mm)
Cabling ⁵	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 ⁶
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color Options	Black and a white snap-on cover included standard
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)
Keypad Output ⁷	Either Wiegand or OSDP ⁶
Technologies Supported	P-640: Pyramid Series Proximity® Cards and Tags ⁸ P-640-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁹ P-640-A: Pyramid + certain AWID® 125-kHz Proximity protocols ¹⁰ P-640-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated.
- 2 Self evaluated.
- 3 Linear power supplies are recommended for best operation.
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 5 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.
- 6 OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-640-OSDP).
- 7 8-Bit Burst or 26-bit Wiegand standard; for 4-Bit Burst and other options, please contact Farpointe.
- 8 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 9 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 10 Examples may include, and may not be limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card, and KT Key Tag.



For proper PIN security with keypad readers, please review our [PIN Best Practices Reference Document](#).

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P-710 ANDES PROXIMITY READER



Pyramid Series Proximity®



Frequency: 125 kHz
Read Range: Up to 15 inches (378 mm)



MAXSecure™
Unique Security Feature



fleaPower™
Energy-Conservation Technology



Pro-X™
Read-Range Boosting Technology



ETL Listed — Independently Tested and Certified (Wiegand models)
Conform to UL Standard 294 and ULC 60839-11-1



Warranty
Lifetime Warranty



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



U.S. Single-Gang Wall-Box Mount
Metal or Plastic Box & Non-Metallic Flat Surfaces

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-710-OSDP).

P-710 ANDES PROXIMITY READER

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-710
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as non-metallic flat surfaces
Dimensions	6" W × 8.5" H × 1" D (216 mm × 152 mm × 25.4 mm)
OEM Label Area Dimensions	N/A
Weight	22.4 oz (635 g)
Certifications	FCC, ICC, UL Standard 294, ULC 60839-11-1 ¹
IP Code ²	IP67
Voltage ³	+5 to 16 VDC
Current Draw	215 mA typical, 600 mA peak @ 12 VDC
Read Range ⁴	Up to 15 inches (378 mm)
Cabling ⁵	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 ⁶
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color Options	Black enclosure with a black label concealing mounting screws
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-710: <i>Pyramid Series Proximity®</i> Cards and Tags ⁷ P-710-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁸ P-710-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁹ P-710-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated.
- 2 Self evaluated.
- 3 Linear power supplies are recommended for best operation.
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 5 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.
- 6 OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-710-OSDP).
- 7 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 8 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 9 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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Jun-17-2021

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P/N: 01110-001 · Rev. 2



P-900 PROXIMITY READER



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 20 inches (504 mm)



MAXSecure[™]
Unique Security Feature



fleaPower[™]
Energy-Conservation Technology



Pro-X[™]
Read-Range Boosting Technology



ETL Listed — Independently Tested and Certified (Wiegand models)
Conform to UL Standard 294 and ULC 60839-11-1



Warranty
Lifetime Warranty



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



U.S. Single-Gang/Double-Gang Wall-Box Mount
Metal or Plastic Box, Parking Bollards & Non-Metallic Flat Surfaces

*OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-900-OSDP).

P-900 PROXIMITY READER

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand and ABA Track II magnetic stripe formats, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-900
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang/double-gang wall box, as well as standard parking bollards and non-metallic flat surfaces
Dimensions	10.5" H × 10.5" W × 2" D (267 mm × 267 mm × 51 mm)
OEM Label Area Dimensions	N/A
Weight	46.4 oz (1315 g)
Certifications	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1 ¹
IP Code ²	IP67
Voltage ³	+5 to 16 VDC
Current Draw	290 mA typical, 500 mA peak @ 12 VDC
Read Range ⁴	Up to 20 inches (504 mm)
Cabling ⁵	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 ⁶
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color Options	Black enclosure with a black label concealing mounting screws
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-900: <i>Pyramid Series Proximity®</i> Cards and Tags ⁷ P-900-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁸ P-900-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁹ P-900-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated.
- 2 Self evaluated.
- 3 Linear power supplies are recommended for best operation.
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 5 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.
- 6 OSDP readers are independent models and need to be appended with the suffix "-OSDP" when ordering (Example: P-900-OSDP).
- 7 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 8 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 9 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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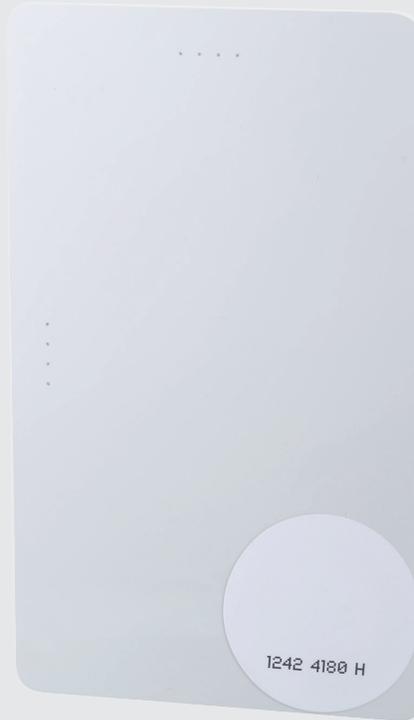
Jun-17-2021

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P/N: 01111-001 · Rev. 2



PDT-1 PROXIMITY DISC TAG



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 3.5 inches (88 mm)



MAXSecure[™]
Unique Security Feature



Warranty
Lifetime Warranty



Wiegand
Output Interface



Contactless
Up to 3.5 in (88 mm)

PDT-1 PROXIMITY DISC TAG

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

When sites are expanded to neighboring buildings, additional floors or new locations, often end users have been required to carry multiple access credentials, with a unique credential dedicated to supporting each individual site. Today another option exists. Instead of requiring a user to carry a credential supporting the technology on each site, an end user can simply attach a PDT-1 Disc Tag—with its strong and reliable adhesive on one side—to an existing photo badge, cell phone, or wallet, essentially making it the RFID-enabled access control credential.

Specifications	PDT-1
Technology	Proximity
Frequency	Excitation (125 kHz)
Operation	Passive (no battery)
Type	Adheres to other devices for multisystem compatibility
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	PVC
Color	Glossy white
Marking	Date code and ID
Read Range ¹	Up to 3.5 inches (88 mm)
Technologies Supported	PDT-1: Pyramid Series Proximity® supported ² PDT-1-A: Certain AWID® 125-kHz Proximity protocols supported ³ PDT-1-H: Certain HID® 125-kHz Proximity protocols supported ⁴
Warranty	Limited lifetime warranty
Dimensions	1" diameter × 0.0625" thick (25.4 mm × 1.6 mm)
Weight	0.04 oz (1.18 g)
Operating Temperature	-40° F to 149° F (-40° C to +65° C)
Humidity	0-95% non-condensing
Adhesive	Strong adhesive

NOTES:

- 1 Tested with 12 VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.
- 2 Examples of supporting readers include, but are not limited to, P-300, P-400, P-500, and P-640.
- 3 Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400, and KP-6840.
- 4 Examples of supporting readers may include, but are not limited to, ProxPoint® Plus, ThinLine II®, and MiniProx®.

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PSC-1

STANDARD LIGHT PROXIMITY CARD



Pyramid Series Proximity[®]



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



MAXSecure[™]
Unique Security Feature



Warranty
Lifetime Warranty



Wiegand
Output Interface



Slot-Punch
Standard Vertical Slot



Contactless
Up to 8 in (202 mm)

PSC-1 STANDARD LIGHT PROXIMITY CARD

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	PSC-1
Technology	Proximity
Frequency	Excitation (125 kHz)
Operation	Passive (no battery)
Type	Clamshell card
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	ABS
Color	Off-white
Slot Punch ¹	Standard, vertical slot
Marking ²	Date code and ID
Imaging ³	Use a glossy adhesive overlay for color dye sublimation printing or print directly on card
Read Range ⁴	Up to 8 inches (202 mm)
Technologies Supported	PSC-1: <i>Pyramid Series Proximity®</i> supported ⁵ PSC-1-H: Certain HID® 125-kHz Proximity protocols supported ⁶ PSC-1-A: Certain AWID® 125-kHz Proximity protocols supported ⁷
Options ⁸	Custom printing of company logos, URL, telephone number and more
Warranty	Limited lifetime warranty
OEM Label Area Dimensions ⁹	0.9" W × 0.35" H (22.86 mm × 8.89 mm) with corner radius of 0.06" (1.5 mm)
Dimensions	2.2" W × 3.4" H × .06" D (56 mm × 86 mm × 1.5 mm)
Weight	0.3 oz (9 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing

NOTES:

- Models PSM-2P, PSM-2S, and PSI-4 may be ordered pre-punched with horizontal/vertical slots. Contact Farpointe or your supplier for more information.
- Matching internal and external sequential coding standard. Custom printing available.
- Please verify that the printer (or overlay) supports credential type/thickness.
- Tested with 12 VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.
- Examples of supporting readers include, but are not limited to, P-300, P-400, P-500, and P-640.
- Examples of supporting readers may include, but are not limited to, ProxPoint® Plus, ThinLine II®, and MiniProx®.
- Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400, and KP-6840.
- Contact Farpointe to learn how you can customize your cards and tags.
- Consistent with OEM label area found on many *Pyramid Series Proximity®* and *Delta®* readers, as well as *Ranger® Transmitters*.

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PSI-4 IMAGE TECHNOLOGY PROXIMITY CARD



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 7 inches (176 mm)



MAXSecure[™]
Unique Security Feature



Warranty
Lifetime Warranty



Wiegand
Output Interface



Slot-Punch
Vertical & Horizontal Indicators



Contactless
Up to 7 in (176 mm)

PSI-4 IMAGE TECHNOLOGY PROXIMITY CARD

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	PSI-4
Technology	Proximity
Frequency	Excitation (125 kHz)
Operation	Passive (no battery)
Type	Dye sublimation
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	PVC
Color	Glossy white
Slot Punch ¹	Vertical and horizontal indicators
Marking ²	Date code and ID
Imaging ³	Supports dye sublimation imaging
Read Range ⁴	Up to 7 inches (176 mm)
Options ⁵	Custom printing of company logos, URL, telephone number available
Warranty	Limited lifetime warranty
OEM Label Area Dimensions	N/A
Dimensions	2.1" W × 3.4" H × 0.046" D (53 mm × 86 mm × 1.17 mm)
Weight	0.3 oz (9 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing
Technologies Supported	PSI-4: <i>Pyramid Series Proximity®</i> supported ⁶ PSI-4-H: Certain HID® 125-kHz Proximity protocols supported ⁷ PSI-4-A: Certain AWID® 125-kHz Proximity protocols supported ⁸

NOTES:

- Models PSM-2P, PSM-2S, and PSI-4 may be ordered pre-punched with horizontal/vertical slots. Contact Farpointe or your supplier for more information.
- Matching internal and external sequential coding standard. Custom printing available.
- Please verify that the printer (or overlay) supports credential type/thickness.
- Tested with 12 VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.
- Contact Farpointe to learn how you can customize your cards and tags.
- Examples of supporting readers include, but are not limited to, P-300, P-400, P-500, and P-640.
- Examples of supporting readers may include, but are not limited to, ProxPoint® Plus, ThinLine II®, and MiniProx®.
- Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400, and KP-6840.

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PSK-3 PROXIMITY KEY RING TAG



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 3.5 inches (88 mm)



MAXSecure[™]
Unique Security Feature



Warranty
Lifetime Warranty



Wiegand
Output Interface



Slot-Punch
Standard Reinforced Brass Eyelet



Contactless
Up to 3.5 in (88 mm)

PSK-3 PROXIMITY KEY RING TAG

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	PSK-3
Technology	Proximity
Frequency	Excitation (125 kHz)
Operation	Passive (no battery)
Type	Key tag
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	ABS
Color	Gray
Slot Punch ¹	Standard reinforced brass eyelet
Marking ²	Date code and ID
Imaging ³	N/A
Read Range ⁴	Up to 3.5 inches (88 mm)
Options ⁵	Custom printing of company logos, URL, telephone number available
Warranty	Limited lifetime warranty
OEM Label Area Dimensions	0.11" W × 0.25" H (2.8 mm × 6.4 mm) with corner radius of 0.06" (1.5 mm)
Dimensions	1.2" W × 1.5" H × 0.15" D (30 mm × 38 mm × 3.8 mm)
Weight	0.16 oz (4.5 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing
Technologies Supported	PSK-3: <i>Pyramid Series Proximity®</i> supported ⁶ PSK-3-H: Certain HID® 125-kHz Proximity protocols supported ⁷ PSK-3-A: Certain AWID® 125-kHz Proximity protocols supported ⁸

NOTES:

- 1 Models PSM-2P, PSM-2S, and PSI-4 may be ordered pre-punched with horizontal/vertical slots. Contact Farpointe or your supplier for more information.
- 2 Matching internal and external sequential coding standard. Custom printing available.
- 3 Please verify that the printer (or overlay) supports credential type/thickness.
- 4 Tested with 12 VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.
- 5 Contact Farpointe to learn how you can customize your cards and tags.
- 6 Examples of supporting readers include, but are not limited to, P-300, P-400, P-500, and P-640.
- 7 Examples of supporting readers may include, but are not limited to, ProxPoint® Plus, ThinLine II®, and MiniProx®.
- 8 Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400, and KP-6840.

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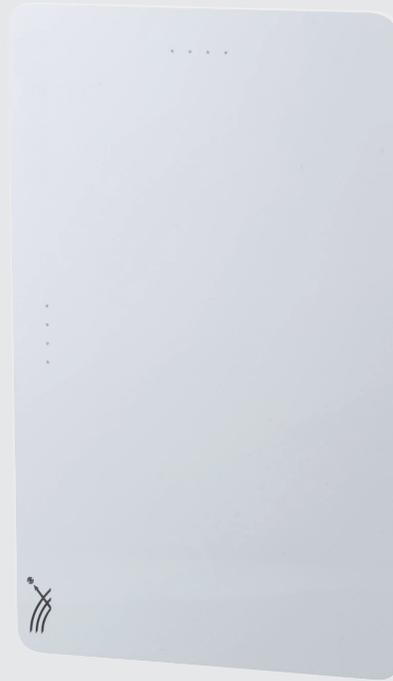
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PSM-2P

ISO IMAGEABLE PROXIMITY CARD



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 7 inches (176 mm)



MAXSecure[™]
Unique Security Feature



Warranty
One-Year Warranty



Wiegand
Output Interface



Slot-Punch
Vertical & Horizontal Indicators



Contactless
Up to 7 in (176 mm)

PSM-2P ISO IMAGEABLE PROXIMITY CARD

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	PSM-2P
Technology	Proximity
Frequency	Excitation (125 kHz)
Operation	Passive (no battery)
Type	ISO
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	PVC
Color	Glossy white
Slot Punch ¹	Vertical and horizontal indicators
Marking ²	Date code and ID
Imaging ³	Supports dye sublimation imaging
Read Range ⁴	Up to 7 inches (176 mm)
Options ⁵	Custom printing of company logos, URL, telephone number available
Warranty	12 months
OEM Label Area Dimensions	N/A
Dimensions	2.1" W × 3.4" H × 0.031" D (53 mm × 86 mm × 0.79 mm)
Weight	0.19 oz (5.5 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing
Technologies Supported	PSM-2P: <i>Pyramid Series Proximity®</i> supported ⁶ PSM-2P-H: Certain HID® 125-kHz Proximity protocols supported ⁷ PSM-2P-A: Certain AWID® 125-kHz Proximity protocols supported ⁸

NOTES:

- 1 Models PSM-2P, PSM-2S, and PSI-4 may be ordered pre-punched with horizontal/vertical slots. Contact Farpointe or your supplier for more information.
- 2 Matching internal and external sequential coding standard. Custom printing available.
- 3 Please verify that the printer (or overlay) supports credential type/thickness.
- 4 Tested with 12 VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.
- 5 Contact Farpointe to learn how you can customize your cards and tags.
- 6 Examples of supporting readers include, but are not limited to, P-300, P-400, P-500, and P-640.
- 7 Examples of supporting readers may include, but are not limited to, ProxPoint® Plus, ThinLine II®, and MiniProx®.
- 8 Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400, and KP-6840.

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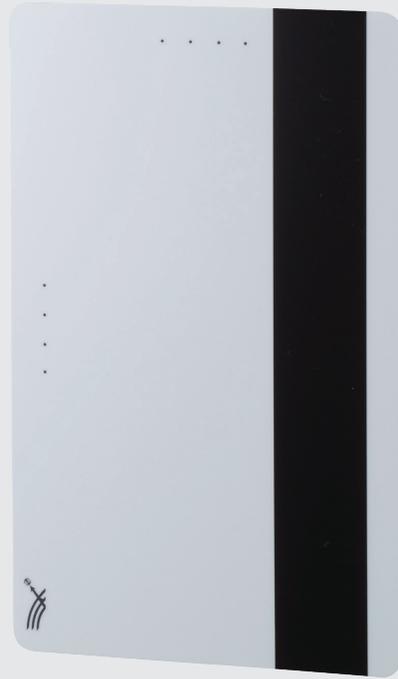
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PSM-2S

ISO IMAGEABLE PROXIMITY CARD WITH MAGNETIC STRIPE



Pyramid Series Proximity[®]



Frequency: 125 kHz
Read Range: Up to 7 inches (176 mm)



MAXSecure[™]
Unique Security Feature



Warranty
One-Year Warranty



Wiegand
Output Interface



Slot-Punch
Vertical & Horizontal Indicators



Contactless
Up to 7 in (176 mm)

PSM-2S ISO IMAGEABLE PROXIMITY CARD WITH MAGNETIC STRIPE

Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	PSM-2S
Technology	Proximity with 2750 Oe HiCo magnetic stripe
Frequency	Excitation (125 kHz)
Operation	Passive (no battery)
Type	ISO
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	PVC
Color	Glossy white
Slot Punch ¹	Vertical and horizontal indicators
Marking ²	Date code and ID
Imaging ³	Supports dye sublimation imaging
Read Range ⁴	Up to 7 inches (176 mm)
Options ⁵	Custom printing of company logos, URL, telephone number available
Warranty	12 months
OEM Label Area Dimensions	N/A
Dimensions	2.1" W × 3.4" H × 0.031" D (53 mm × 86 mm × 0.79 mm)
Weight	0.19 oz (5.5 g)
Operating Temperature	-35° F to 122° F (-37° C to +50° C)
Humidity	0-95% non-condensing
Technologies Supported	PSM-2S: <i>Pyramid Series Proximity®</i> supported ⁶ PSM-2S-H: Certain HID® 125-kHz Proximity protocols supported ⁷ PSM-2S-A: Certain AWID® 125-kHz Proximity protocols supported ⁸

NOTES:

- 1 Models PSM-2P, PSM-2S, and PSI-4 may be ordered pre-punched with horizontal/vertical slots. Contact Farpointe or your supplier for more information.
- 2 Matching internal and external sequential coding standard. Custom printing available.
- 3 Please verify that the printer (or overlay) supports credential type/thickness.
- 4 Tested with 12 VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.
- 5 Contact Farpointe to learn how you can customize your cards and tags.
- 6 Examples of supporting readers include, but are not limited to, P-300, P-400, P-500, and P-640.
- 7 Examples of supporting readers may include, but are not limited to, ProxPoint® Plus, ThinLine II®, and MiniProx®.
- 8 Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400, and KP-6840.

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