

PSC-1

125 kHz Standard Light Proximity Card

Pyramid Series Proximity®
Data Sheet



Application - A clamshell design, ideal for access control applications where no direct physical contact is required between card and reader.

Compatible - Can be encoded with 26-bit Wiegand, custom Wiegand or magnetic stripe formats.

Industry Friendly - Can be ordered to support several proximity card and tag technologies.

Convenience - Pre-punched slot makes it ideal to carry on a lanyard or badge holder.

Durable - Manufactured from robust materials and does not require a battery.

Pyramid Series Proximity from Farpointe Data sets the electronic security benchmark for 125 kHz proximity readers, card 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.

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Features and Specifications:

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)	OEM Label Area Dimensions:	0.9 x 0.35 inch (22.86 x 8.89 mm), with corner radius of 0.63 inch (16 mm) ¹
Dimensions (HxWxD):	3.4 x 2.2 x 0.06 inches (86 x 55 x 1.5 mm)	Operating Temperature:	-35° F to 122° F (-35° C to +50° C)
Material:	ABS	Weight:	0.3 oz. (9g)
Color:	Off-white	Humidity:	0-95% non-condensing
Slot Punch² :	Standard, vertical slot	Marking³ :	Date code and ID
Imaging⁴ :	Use a glossy adhesive overlay for color dye sublimation printing or print directly on card	Warranty:	Limited lifetime warranty
Read Range⁶ :	Up to 8 inches (203 mm)	Options⁵ :	Custom printing of company logos, URL, telephone number and more
Technologies Supported:	PSC-1: Pyramid Series Proximity supported ⁷ PSC-1-H: Certain HID [®] Proximity protocols supported ⁸ PSC-1-A: Certain AWID [®] Proximity protocols supported ⁹		

¹ Consistent with OEM label area found on many Pyramid Series[®] and Delta[®] readers, as well as Ranger Transmitters[®].

² 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.

³ Matching internal and external sequential coding standard. Custom printing available.

⁴ Please verify that the printer (or overlay) supports credential type/thickness.

⁵ Contact Farpointe to learn how you can customize your cards and tags.

⁶ Tested with 12VDC @ P-500 reader. Reference Card Read Range Document for additional read range information.

⁷ Examples of supporting readers include, but are not limited to, P-300, P-400, P-500 and P-640.

⁸ Examples of supporting readers may include, but are not limited to, ProxPointPlus[®], ThinLine[®] II and Miniprox[®].

⁹ Examples of supporting readers may include, but are not limited to, SP-6820, SR-2400 and KP-6840.

Farpointe Data reserves the right to change specifications without notice.



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