

Card/Tag/Reader Compatibility Table

This document can be used to determine the types of proximity cards and key tags that can be used with Farpointe Data's Readers.

- Table 1 covers card and tag compatibility with Pyramid Series Readers:
 - P-300
 - P-400
 - P-500
 - P-600
 - P-650
 - P-700

- Table 2 covers card and tag compatibility with the Indala Compatible Series Readers:
 - MCR-403



Card/Tag/Reader Compatibility Table

Table 1: Card and Tag Compatibility Chart - Using Pyramid Series Readers

Card/ Key Tag	Card Number Prefix	PXL-100	PXL- 250P	PXL- 250W	SM-1000	SM- 1000X	SM- 2000X
PSC-1	no prefix ^a	YES ^b	NO	YES ^c	NO	NO	NO
PSM-2P	no prefix ^a	YES ^b	NO	YES ^c	NO	NO	NO
PSM-2S	no prefix ^a	YES ^b	NO	YES ^c	NO	NO	NO
PSK-3	no prefix ^a	YES ^b	NO	YES ^c	NO	NO	NO
PSC-1	M ^d	YES ^b	NO	YES ^c	NO	NO	NO
PSM-2P	M ^d	YES ^b	NO	YES ^c	NO	NO	NO
PSM-2S	M ^d	YES ^b	NO	YES ^c	NO	NO	NO
PSK-3	M ^d	YES ^b	NO	YES ^c	NO	NO	NO
HID Prox- Card II	no prefix ^e	YES ^f	NO	YES ^g	NO	NO	NO
HID ISOProx II	no prefix ^e	YES ^f	NO	YES ^g	NO	NO	NO
HID ProxKey II	no prefix ^e	YES ^f	NO	YES ^g	NO	NO	NO

- a. Denotes Wiegand formatting.
- b. Using an OB-7 Option Board and a Pyramid Series Reader.
- c. Using a Pyramid Series Reader.



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- d. Denotes ABA Track II Magnetic Stripe formatting. Pyramid Series Reader output must be "locked" in Wiegand format output mode using the Magnetic Stripe Format Lock Control Card.
- e. HID Cards and Tags are typically Wiegand formatted; including the industry standard 26-bit Wiegand format, custom OEM formats, and the Corporate 1000 format.
- f. Using an OB-7 Option Board and an HID compatible Pyramid Series Reader (HID compatibility is an optional Reader feature – HID compatible Pyramid Series Readers must be ordered with this option enabled e.g. P-300-H).
- g. Using an HID compatible Pyramid Series Reader (HID compatibility is an optional Reader feature – HID compatible Pyramid Series Readers must be ordered with this option enabled e.g. P-300-H).

Application Note

Pyramid Products



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**Table 2: Card and Tag Compatibility Chart -
Using Motorola Compatible Series Readers**

Card/ Key Tag	Card Number Prefix	PXL-100	PXL- 250P	PXL- 250W	SM-1000	SM- 1000X	SM- 2000X
ASC- 121T ^a	Motorola part number	YES ^b	NO	YES ^c	NO	NO	NO
ISO-30 ^a	Motorola part number	YES ^b	NO	YES ^c	NO	NO	NO
ASK- 116 ^a	Motorola part number	YES ^b	NO	YES ^c	NO	NO	NO
KC-26X	W	YES ^b	NO	YES ^d	NO	NO	NO
MT-26XP	W	YES ^b	NO	YES ^d	NO	NO	NO
MT- 26XM	W	YES ^b	NO	YES ^d	NO	NO	NO
PKT-26X	W	YES ^b	NO	YES ^d	NO	NO	NO

- a. Cards and tags must be programmed with the ASP format structure. Motorola Compatible Series Readers are **not** compatible with cards or tags formatted with Motorola's ESP, ECR, or ASP+ format structures.
- b. Using an OB-7 Option Board and a Motorola Compatible Series Reader.
- c. Using a Motorola Compatible Series Reader.
- d. Block enrollable using a Motorola Compatible Series Reader.