

# Card/Tag Compatibility Chart

This document can be used to determine the types of proximity cards and key tags that can be used with Keri Systems readers.

- Table 1 covers card and tag compatibility with MS Series Readers:
  - MS-3000
  - MS-4000
  - MS-5000
  - MS-7000
  - MS-9000
- Table 2 covers card and tag compatibility with Farpointe Data's Pyramid Series Readers:
  - P-300
  - P-400
  - P-500
  - P-600
  - P-700
- Table 3 covers card and tag compatibility with Farpointe Data's Motorola Compatible Readers:
  - MCR-403



# Card/Tag Compatibility Chart

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

Card/ Key Tag	Card Number Prefix	PXL- 500P <sup>a</sup>	PXL- 500W <sup>a</sup>	PXL- 250P	PXL- 250W	PXL- 100	SM- 1000	SM- 1000X	SM- 2000X
KC-10X	K	YES <sup>b</sup>	NO	YES <sup>b</sup>	NO	NO	NO	YES <sup>c</sup>	YES <sup>c</sup>
MT- 10XP	K	YES <sup>b</sup>	NO	YES <sup>b</sup>	NO	NO	NO	YES <sup>b</sup>	YES <sup>c</sup>
MT- 10XM	K	YES <sup>b</sup>	NO	YES <sup>b</sup>	NO	NO	NO	YES <sup>c</sup>	YES <sup>c</sup>
PKT- 10X	K	YES <sup>b</sup>	NO	YES <sup>b</sup>	NO	NO	NO	YES <sup>c</sup>	YES <sup>c</sup>
KC-26X	W	YES	YES <sup>d</sup>	YES	YES <sup>d</sup>	NO	NO	YES	YES
MT- 26XP	W	YES	YES <sup>d</sup>	YES	YES <sup>d</sup>	NO	NO	YES	YES
MT- 26XM	W	YES	YES <sup>d</sup>	YES	YES <sup>d</sup>	NO	NO	YES	YES
PKT- 26X	W	YES	YES <sup>d</sup>	YES	YES <sup>d</sup>	NO	NO	YES	YES
KC-10	K <sup>e</sup>	YES	NO	YES	NO	YES	YES <sup>c</sup>	YES <sup>c</sup>	YES <sup>c</sup>
KC-10 (C5)	C	YES	NO	YES	NO	YES	YES <sup>c</sup>	YES <sup>c</sup>	YES <sup>c</sup>
PKT-10 (C5)	C	YES	NO	YES	NO	YES	YES <sup>c</sup>	YES <sup>c</sup>	YES <sup>c</sup>
KC-26	W <sup>e</sup>	YES	YES <sup>f</sup>	YES	YES <sup>f</sup>	YES	YES	YES	YES

- a. The PXL-500/PXL-510 reads the 5-Bit CRC contained in Proximity cards eliminating the possibility of ghost reads in a noisy environment. This change means that "ECR" (or "ESP") access control cards manufactured by Proxlock will not work with PXL-500/PXL-510s. These cards were typically used with PXL-35/38/45/48/100 controllers and are often thick and blue or beige in color, with "ESP" and "Proxlock" embossed on one side.
- b. Block enrollable.
- c. As a stand-alone system.
- d. Block enrollable using an IP as a Reader or using a Motorola Compatible Reader.
- e. This type of Card has a gray body.
- f. Using an IntelliProx as a reader.

# Card/Tag Compatibility Chart

Table 2: Card and Tag Compatibility Chart - Using Pyramid Series Readers

Card/ Key Tag	Card Number Prefix	PXL- 500P	PXL- 500W	PXL- 250P	PXL- 250W	PXL- 100	SM- 1000	SM- 1000X	SM- 2000X
PSC-1	no prefix <sup>a</sup>	NO	YES <sup>b</sup>	NO	YES <sup>b</sup>	YES <sup>c</sup>	NO	NO	NO
PSM-2P	no prefix <sup>a</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
PSM-2S	no prefix <sup>a</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
PSK-3	no prefix <sup>a</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
PSC-1	M <sup>d</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
PSM-2P	M <sup>d</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
PSM-2S	M <sup>d</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
PSK-3	M <sup>d</sup>	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
HID Prox- Card II	no prefix <sup>e</sup>	NO	YES <sup>f</sup>	NO	YES <sup>f</sup>	YES <sup>g</sup>	NO	NO	NO
HID ISO- Prox II	no prefix <sup>e</sup>	NO	YES <sup>g</sup>	NO	YES <sup>g</sup>	YES <sup>f</sup>	NO	NO	NO
HID Prox Key II	no prefix <sup>e</sup>	NO	YES <sup>g</sup>	NO	YES <sup>g</sup>	YES <sup>f</sup>	NO	NO	NO

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



# Card/Tag Compatibility Chart

Table 3: Card and Tag Compatibility Chart - Using Motorola Compatible Series Readers

Card/ Key Tag	Card Number Prefix	PXL- 500P	PXL- 500W	PXL- 250P	PXL- 250W	PXL- 100	SM- 1000	SM- 1000X	SM- 2000X
ASC- 121T <sup>a</sup>	Motorola part number	NO	YES <sup>b</sup>	NO	YES <sup>b</sup>	YES <sup>c</sup>	NO	NO	NO
ISO-30 <sup>a</sup>	Motorola part number	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
ASK- 116 <sup>a</sup>	Motorola part number	NO	YES <sup>c</sup>	NO	YES <sup>c</sup>	YES <sup>b</sup>	NO	NO	NO
KC-26X	W	NO	YES <sup>d</sup>	NO	YES <sup>d</sup>	YES <sup>b</sup>	NO	NO	NO
MT- 26XP	W	NO	YES <sup>d</sup>	NO	YES <sup>d</sup>	YES <sup>b</sup>	NO	NO	NO
MT- 26XM	W	NO	YES <sup>d</sup>	NO	YES <sup>d</sup>	YES <sup>b</sup>	NO	NO	NO
PKT- 26X	W	NO	YES <sup>d</sup>	NO	YES <sup>d</sup>	YES <sup>b</sup>	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 a Motorola Compatible Series Reader.
- c. Using an OB-7 Option Board and a Motorola Compatible Series Reader.
- d. Block enrollable using a Motorola Compatible Series Reader.