



VAX-CRD-SD PROXIMITY CARD



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



MAXSecure™
Integrated High-Security Technology



Wiegand
Output Interface



Slot-Punch
Standard Vertical Slot



Contactless
Up to 8 in (202 mm)

VAX-CRD-SD PROXIMITY CARD

The VAX-CRD-SD Proximity Card sets the electronic security benchmark for 125-kHz proximity cards. Based upon proven contactless digital radio frequency identification (RFID) technology, this card interfaces with the Vicon VAX access control system by complying with the Wiegand communication protocol (VAX-CRD-SD-V Vicon custom 46-bit format). It offers value-add features such as MAXSecure™ and fleaPower™ and support VAX proximity card and tag technologies. Additionally, VAX cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

| Specifications | VAX-CRD-SD |
|-------------------------|---|
| Technology | Proximity |
| Frequency | Excitation (125 kHz) |
| Operation | Passive (no battery) |
| Type | Clamshell card |
| Formats | Wiegand (26-bit) and Vicon custom (46-bit) formats; 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 | VAX-CRD-SD supported ⁵ |
| Options ⁶ | Custom printing of company logos, URL, telephone number and more |
| Dimensions | 2.2" W × 3.4" H × .06" D (56 mm × 86 mm × 1.5 mm) |
| Operating Temperature | -35° F to 122° F (-37° C to +50° C) |
| Humidity | 0-95% non-condensing |

NOTES:

- 1 Model VAX-CRD-CMT may be ordered pre-punched with horizontal/vertical slots. Contact Vicon 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 @ VAX-500R reader.
- 5 Examples of supporting readers include, but are not limited to VAX-300R, VAX-500R and VAX-600KP
- 6 Contact Vicon to learn how you can customize your cards and tags.
- 7 Consistent with OEM label area found on many Proximity readers, as well as long range Transmitters.

