CONEKT®
PHYSICAL CONTACTLESS SMARTCARD CREDENTIALS

Conekt Mobile Smartphone
Access Control Solution

Frequency: 13.56 MHz
Read Ranges:
- CSC-2: Up to 2.25 inches (57 mm)
- CSM-2P/S: Up to 2.25 inches (57 mm)
- CSK-2: Up to 1 inch (25 mm)

- MIFARE® DESFire® EV2 Support
  High-Security Encryption Technology
- MAXSecure™
  Unique Security Feature
- ValidID™
  Fraudulent Data Detection Solution
- Warranty
  One-Year Warranty / Limited Lifetime Warranty
- RFID
  ISO 14443-A Protocol
- Slot-Punch
  Vertical Slot / Vertical & Horizontal Indicators / Built-in Eyelet
- Contactless
  Up to 2.25 in (57 mm)
CONEKT® PHYSICAL CONTACTLESS SMARTCARD CREDENTIALS

Conekt comprises Farpointe Data’s mobile-ready contactless smartcard access control ID solution. Based upon the proven LEGIC® contactless digital radio frequency identification (RFID) platform, Conekt readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand or bi-directional Open Supervised Device Protocol (OSDP). In addition to supporting mobile access credentials—using the Bluetooth Low Energy (BLE) feature of select smartphones—Conekt includes a range of traditional physical access credentials, such as clamshell cards, ISO cards, and key tags. Conekt’s range of credentials support 26-Bit Wiegand format, as well as custom Wiegand, ABA Track II magnetic stripe and serial data formats. They employ value-add features, such as MAXSecure™, and advanced data protection, such as AES encryption. All Conekt credentials can be ordered programmed to various formats in exact number sequence required, and can be private labeled with a company name, logo, phone number, web address, or other information.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>CSC-2</th>
<th>CSM-2P/S</th>
<th>CSK-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>Smartcard¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>Excitation (13.56 MHz)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operation</td>
<td>Passive (no battery)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Clamshell-style card</td>
<td>ISO-style card</td>
<td>Key fob-style tag</td>
</tr>
<tr>
<td>Formats</td>
<td>Wiegand (26-bit and custom formats), ABA Track II magnetic stripe (clock and data) and Serial typical²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>ABS housing, PC sticker</td>
<td>PET composite surface + PVC core</td>
<td>ABS housing, stainless steel frame</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Glossy white</td>
<td>Grey</td>
</tr>
<tr>
<td>Slot Punch</td>
<td>Standard, vertical slot</td>
<td>Vertical and horizontal indicators</td>
<td>Built-in eyelet</td>
</tr>
<tr>
<td>Marking⁴</td>
<td>Use a glossy adhesive overlay for color dye sublimation printing or print directly on card⁵</td>
<td>Supports dye sublimation imaging⁵</td>
<td>N/A</td>
</tr>
<tr>
<td>Imaging⁴</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read Range⁶</td>
<td>Up to 2.25 inches (57 mm)</td>
<td>Up to 2.25 inches (57 mm)</td>
<td>Up to 1 inch (25 mm)</td>
</tr>
<tr>
<td>Outputs⁷</td>
<td>Multi-Application</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Options⁸</td>
<td>Custom printing of company logos, URL, telephone number, and more</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>Limited lifetime warranty</td>
<td>12 months</td>
<td>12 months</td>
</tr>
<tr>
<td>OEM Label Area Dimensions</td>
<td>0.9&quot; W x 0.35&quot; H (22.86 mm x 8.89 mm) with corner radius of 0.06&quot; (1.5 mm)</td>
<td>N/A</td>
<td>0.9&quot; W x 0.35&quot; H (22.86 mm x 8.89 mm) with corner radius of 0.06&quot; (1.5 mm)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>2.1&quot; W x 3.4&quot; H x 0.07&quot; D (54 mm x 86 mm x 1.8 mm)</td>
<td>2.1&quot; W x 3.4&quot; H x 0.03&quot; D (54 mm x 86 mm x 0.76 mm)</td>
<td>1.9&quot; W x 1.5&quot; H x 0.28&quot; D (49 mm x 38 mm x 7 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.35 oz (10 g)</td>
<td>0.23 oz (6.4 g)</td>
<td>0.39 oz (11 g)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40° F to 158° F (-35° C to +70° C)</td>
<td>-31° F to 122° F (-35° C to +50° C)</td>
<td>-40° F to 158° F (-40° C to +70° C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>0–95% non-condensing</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Memory</td>
<td>2K memory standard²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISO Standards</td>
<td>ISO 14443-A</td>
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<tr>
<td>Technologies Supported</td>
<td>MIFARE® DESFire EV2</td>
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</tbody>
</table>

NOTES:
1. Optimized for use with Conekt BLE/13.56-MHz Contactless Smartcard Readers.
2. OSDP readers typically make use of credentials encoded with Wiegand or serial formatted data.
4. Please verify that the printer (or overlay) supports credential type/thickness.
5. For best results, consider a high-quality photo card printer making use of retransfer printing technology.
6. Tested with 12 VDC @ Conekt CSR-35 reader.
7. Typical directory structure of up to 28 applications, with up to 32 files per application.
8. Contact Farpointe to learn how you can customize your cards and tags.
9. Other memory sizes available.