The pcProx® family of readers for LEGIC® smart cards are designed for organizations seeking to improve security and efficiency by leveraging their existing card system for applications beyond door access.

RF IDEas readers for LEGIC work with the LEGIC proprietary algorithm for data authentication and supports both LEGIC advant and LEGIC prime card technologies. RF IDEas readers with LEGIC technology provide three key benefits for users:

- True contactless smart card security
- High flexibility to manage, merge and migrate mixed card populations
- Improved workflow for applications requiring card access

**Developed to Meet and Exceed Stringent Secure Authentication Needs**

As part of a complete security solution, the pcProx and pcProx Plus SP readers for LEGIC smart cards are used for identification, authentication, and access control applications. IT organizations select LEGIC card technology for its enhanced level of security, flexibility, Unique ID (UID) and additional protection of identity.

Connecting directly into a USB port, the pcProx or pcProx Plus SP keystroke readers emulate a keyboard and outputs the card data to the cursor’s location on the screen. The reader is easily configured to increase security and control access. Through the configuration process, desired credential data output and access privileges for cardholders can be established.

**Powerful Authentication That’s Easy to Integrate**

- The pcProx® is a single-frequency reader in desktop, surface mount or non-housed form factors
- The pcProx® Plus SP ultra-slim form factor is designed to fit into recessed pockets on printers or mounted externally
- LEGIC card readers provide the assurance of highly reliable access to all printers
- Operating at the 13.56 MHz standard, LEGIC technology is used in contactless smart cards worldwide
- Deliver tamper-proof data transmission, faster card reading, and hardened copy protection with 13.56 MHz systems

**LEGIC card readers support:**

- Advant and prime UID
- Advant and prime Secure Memory
- Standards ISO 14443 and ISO 15693
- Data from secure segments can be read with the LEGIC card reader
- Configurable secure segment settings to meet customer data security requirements
- Secure data exchange for each segment
- Ability to launch the reader securely with a LEGIC SAM63 card
- Support for user-defined encryption keys
## pcProx® and pcProx® Plus SP for LEGIC® Smart Cards

### FEATURES & SPECIFICATIONS

<table>
<thead>
<tr>
<th>pcProx® for LEGIC®</th>
<th>pcProx® Plus SP for LEGIC®</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Frequency</strong></td>
<td>13.56 MHz Contactless Smart Card</td>
</tr>
<tr>
<td><strong>Model Series</strong></td>
<td>RDR-7L81BKU</td>
</tr>
<tr>
<td><strong>Configurations</strong></td>
<td>Configurable for stamp management</td>
</tr>
<tr>
<td><strong>Interface(s)</strong></td>
<td>USB</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>3.4” x 2” x 0.6 (8.63 cm x 5.1 cm x 1.52 cm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>4.0 oz (113.39g)</td>
</tr>
<tr>
<td><strong>Audio Prompts (Beep)</strong></td>
<td>Adjustable beeper volume (off, low, medium, high)</td>
</tr>
<tr>
<td><strong>Visual Prompts (LED)</strong></td>
<td>Green, amber, red</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>USB self-powered, 5VDC</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>70 mA Typical, 100 mA maximum</td>
</tr>
</tbody>
</table>

### ENVIRONMENTAL

| **Operating Temperature Range** | -22° to 150°F (-30° to 65°C) | -22° to 150°F (-30° to 65°C) |
| **Operating Humidity Range** | 5% to 95% relative humidity, non-condensing | 5% to 95% relative humidity, non-condensing |
| **Storage Temperature Range** | -40° to 185°F (-40° to 85°C) | -40° to 185°F (-40° to 85°C) |

### OTHER

| **Certifications** | FCC-United States; IC-Industry Canada; CE Mark-Europe; RCM-Australia; Environmental; RoHS, REACH |
| **Compatible Operating Systems** | Windows XP®, 7®, 8.1®, 10® and Linux |

### Supported Card Types

- LEGIC® advant CSN
- LEGIC® advant Secure Memory
- LEGIC® prime CSN
- LEGIC® prime Secure Memory
- aptiQ® CSN (MIFARE®)
- aptiQ CSN (MIFARE® DESFire® EV1)
- eTag® CSN
- FeliCa
- ISO 14443A/B
- ISO 15693 CSN
- MIFARE® Plus® (ENCENTUATE)
- MIFARE® Plus® (NXP)
- MIFARE® Ultralight CSN
- my-d” (Infineon)
- Oyster
- SecuraKey
- Tag-it® (Texas Instruments)
- XceedID®
- LEGIC® advant CSN
- LEGIC® advant Secure Memory
- LEGIC® prime CSN
- LEGIC® prime Secure Memory
- aptiQ CSN (MIFARE®)
- aptiQ CSN (MIFARE® DESFire® EV1)
- eTag® CSN
- FeliCa
- ISO 14443A/B
- ISO 15693 CSN

Additionally, all 125 kHz card types supported by the pcProx Plus. For a full list, go to [https://www.rfideas.com/pcprox-plus-card-types](https://www.rfideas.com/pcprox-plus-card-types)