

## pcProx<sup>®</sup> Plus

### DUAL-FREQUENCY CARD READER

The most versatile reader yet, the pcProx Plus reads more card types worldwide than any other reader and has four credential configurations.

The powerful pcProx Plus badge reader, known for its quality and versatility, has an extensive feature set that includes:

- Four ID badge configurations (2 are pre-set, all four are user definable)
- Supports nearly all proximity and contactless cards worldwide
- Auto-tuning 13.56 MHz antenna to optimize performance in various environments
- User-selectable volume control including a beeper on/off setting

#### The Most Robust Reader on the Market

The versatile pcProx Plus reader combines proximity and contactless technologies into one reader that has the ability to support four badge configurations, enabling growing organizations to seamlessly integrate different ID badge technologies. These card readers are designed for customers seeking to leverage their existing card system for applications beyond building access.

Developed to read virtually any proximity or contactless card type in the world, the pcProx Plus is the most powerful, robust reader on the market for identification, authentication, and access applications. Badge-based reader solutions eliminate the need to manually enter usernames and passwords, streamlining workflow and eliminating errors for identification.



#### Expanding Badge Identification Beyond Physical Access

The pcProx Plus reader easily integrates into existing badge access systems, allowing companies to leverage the same badges they use to get into the building for countless applications involving logical access to network, software applications, and equipment. Connecting directly into the USB port, the reader can emulate a keyboard's keystrokes of the USB model card data on the login screen. The serial models can connect to a RS232 port. The reader's plug-and-play functionality requires no additional software providing seamless integration with most common operating systems and applications compatible with USB keyboard inputs.

#### Developer-friendly SDK

The RF IDEas Universal Software Developers Kit (SDK) enables Software Application Developers to integrate the pcProx Plus readers into their application, using the data directly from proximity and contactless cards. Software developers can easily create a solution that leverages the use of employee ID badge data, resulting in added benefits to their applications such as single sign-on, QA tracking, cashless cafeteria, industrial vending, or meeting attendance.

## Common Applications

Below are some of the most common applications of pcProx Plus in key industries.

|                         | HEALTHCARE | GOVERNMENT | MANUFACTURING | ENTERPRISE | FINANCIAL SERVICES |
|-------------------------|------------|------------|---------------|------------|--------------------|
| Single Sign-on          | +          | +          | +             | +          | +                  |
| Time & Attendance       | +          | +          | +             | +          | +                  |
| Training Compliance     | +          | +          | +             | +          | +                  |
| Point-of-Sale           | +          | +          | +             | +          | +                  |
| Secure Print Management | +          | +          | +             | +          | +                  |

### STANDARD FEATURES

|                                                     |                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model Series</b>                                 | RDR-80581AKU Desktop Keystroking Reader<br>RDR-80582AKU Desktop SDK Serial Reader<br>RDR-805x1AKx Desktop or Surface Mount Keystroking Reader, RS-232<br>RDR-80081AKU Desktop Keystroking Reader, iCLASS Seos™<br>RDR-80082AKU Desktop SDK Non-Keystroking Reader, iCLASS Seos™<br>RDR-800x1AKx Desktop or Surface Mount Serial Reader, iCLASS Seos™, RS-232 |
| <b>Operating Frequency</b>                          | 125/132 kHz and 13.56 MHz                                                                                                                                                                                                                                                                                                                                    |
| <b>Interface</b>                                    | USB, RS-232                                                                                                                                                                                                                                                                                                                                                  |
| <b>SDK available for writing apps to the reader</b> | Yes                                                                                                                                                                                                                                                                                                                                                          |

### PHYSICAL CHARACTERISTICS

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| <b>Dimensions (inches)</b> | Length 3.55" (9.017 cm)<br>Width 2.05" (5.207 cm)<br>Height 0.63" (1.6002 cm) |
| <b>Weight</b>              | 4.0 ounces (113.39g)                                                          |
| <b>Housing Color</b>       | Black                                                                         |
| <b>Cable Length</b>        | 6' standard; 6" and 16" lengths available (1.82 M, 152 mm, 406 mm)            |
| <b>Indicators</b>          | LED indicator; Adjustable beeper volume (off, low, medium, high)              |
| <b>Form Factors</b>        | Desktop, surface mount, non-housed                                            |
| <b>Power Supply</b>        | USB self-powered; some RS-232 models require external power source            |
| <b>Power Consumption</b>   | 70 mA typical, 150 mA maximum                                                 |

### ENVIRONMENT

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

### OTHER

|                                                                                                          |                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Certifications</b> <i>(Please contact RF IDEas for information about other global certifications)</i> | FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada;<br>UL Environmental: RoHS, REACH                                                                                      |
| <b>Compatible Operating Systems (SDK)</b>                                                                | Windows XP®, 7®, 8®, 10®, Linux (Ubuntu, Red Hat), macOS and Android                                                                                                                        |
| <b>Configuration Utility</b>                                                                             | pcProx Configuration Utility available on RF IDEas support page                                                                                                                             |
| <b>Card Types</b>                                                                                        | Supports nearly all card types worldwide. Visit <a href="http://www.rfideas.com/pcprox-plus-card-types">www.rfideas.com/pcprox-plus-card-types</a> for a full list of supported card types. |



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