QUICK START GUIDE

RFIDEAS
Solutions for Identification and Access

pcProx® and pcProx® Plus Badge Readers

This document provides the following information:

I. Connector Options

II. Installing the Configuration Utility Software

III. Reader Setup

IV. Configuring the Reader

V. Troubleshooting

RF IDeas pcProx® and pcProx® Plus Readers

Congratulations on the purchase of your pcProx® or pcProx® Plus reader!

Configuration of RF IDeas readers is easy. With our "plug and play" design, you will be able to quickly take advantage of a more secure environment in your business, school, or organization.

RF IDeas products are an integral part of a variety of solutions in every market such as healthcare, manufacturing, government, enterprise and other markets. The number of applications is ever-increasing and we maintain a strong relationship with our robust list of software partners and resellers which are readily found on our website.

Please contact our Sales department if you have any questions or are interested in our OEM and Independent Developers programs.

For more details about our product line, please visit www.RFIDeas.com/knowledge-center or follow the Support > Learning Center link for more details about our various products.

Thank you,

The RF IDeas team

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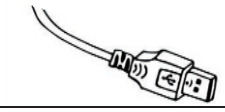
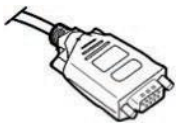
1. Connector Options

There are two connector options available with the reader for data input and output.

Connector Type	Output Data Type
USB 	USB Keystroke SDK Virtual Com Port: ASCII or SDK
DB9 	ASCII SDK

The product you have purchased may need to be configured before use.

The configuration software and support documents can be downloaded from our product support page at: http://www.rfideas.com/support/product-support

The configuration section details the steps necessary to install the configuration utility software and update the configuration to meet your requirements.

2. Installing the Configuration Utility Software

To install the configuration utility software, complete the following steps:

1. Verify the system meets the following minimum requirements:
   - Hardware — Pentium class PC
   - Memory — 32 MB RAM
   - Disk — 25 MB hard disk space
   - I/O — 1 available DB9 or USB port, dependent upon the connector
   - Operating System – Any operating system that supports a USB keyboard including Microsoft Windows XP®, 7®, 8®, 10® and Linux. Can be used for keystroke applications.
2. Install the pcProx Configuration Utility from the following Web page: http://www.RFIDeas.com/Software/pcProxConfig/

3. Reader Setup

To set up the reader:

3. Plug the connector into the workstation's (or available on any peripheral) open RS-232, USB, or Ethernet plug.
4. Place the device next to the monitor, beside the workstation, or where appropriate.
5. The workstation should detect new hardware for USB and DB9 connections. Verify the workstation recognizes this connection using Device Manager.
6. For RS-232 products, verify the correct COM port for RS-232 DB9 connections using Windows Device Manager.

4. Configuring the Reader

To configure the Reader for operation, complete the following steps:

7. Start the pcProx Configuration Utility software.

8. Plug the reader into the workstation's USB or DB9 port.

   a. If the reader has a USB connector, verify the workstation detected the connection automatically using Windows Device Manager.

   b. If the reader has a DB9 connector, verify the correct COM port using Windows Device Manager.

9. If your reader requires a custom configuration, refer to the pcProx Plus/pcProx Enroll Manual for detailed information on the configuring the reader. The manual is available at **www.RFIDeas.com > Support > Product Manuals.**

10. After the configuration settings are correctly configured and written/saved to the device, unplug the reader.

The reader is now ready for use.

Troubleshooting

If the device is not working or the following error message is displayed:

11. Check to be sure the device is connected to the USB or RS-232 port. When the workstation is on and no card is being read, the LED is red. A valid proximity card causes the LED to turn green, provided the configuration is not set to only read certain bit lengths.

12. Only one COM port application can own the RS-232 port at a time. Make sure there is not another COM port application running. This prevents our software from seeing the device.

13. Verify the correct model and the software configuration screen agrees with the device attached.

14. Verify the port agrees with the workstation connector.

15. If the device still does not work, disconnect it, remove 'General USB Device' using Windows 'Control Panel' a 'Add/Remove' Hardware. Then reboot the workstation. When the workstation boots up, re-attach the device USB and the OS should re-install the Windows driver automatically.

If the device does not read the card, contact the card manufacturer/vendor to verify that the card type is compatible with the device model.

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FCC ID: M9MLC8008U (Multi-protocol Card Reader)

“Pursuant to FCC 15.21 of the FCC rules, changes not expressly approved by RF IDeas might cause harmful interference and void the FCC authorization to operate this product.

Note: This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This product complies with FCC OET Bulletin 65 radiation exposure limits set forth for an uncontrolled environment.

The reader may not recognize value cards in the presence of high RF fields. If the current reading is erratic, the user shall take the following step: Move the equipment from any known transmitters nearby. For more information contact Tech Support at (866) 439-4884 or TechSupport@RFIDeas.com.

ISED French Compliance Statement

IC: 6571A-LC8008U (Multi-protocol Card Reader)

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