



# WAVE ID<sup>®</sup> Nano Reader



**This document provides the following information:**

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- I. Connector Options
- II. Installing the Configuration Utility Software
- III. Reader Setup
- IV. Configuring the Reader
- V. Troubleshooting



*Wave ID® Nano Reader*

## Congratulations on the purchase of your Wave ID® or Wave ID® 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](http://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

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

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

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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 MBRAM
  - Disk — 25 MB hard disk space
  - I/O — 1 available USB-C port.
  - 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

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**To set up the reader:**

3. Plug the **Wave ID Nano-C** reader into portable device or laptop with a USB-C port.
4. This USB-C port is usually along the left or right side of the portable device or laptop.
5. The portable device should detect new hardware for USB connections. Verify the portable device or laptop recognizes this connection using Device Manager.
6. Do not use with a USB-C extension cable.

## 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 portable device or laptop USB-C port.
  - a. If the reader has a USB connector, verify the workstation detected the connection automatically 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](http://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-C port. When the portable device or laptop 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 portable device or laptop 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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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.

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