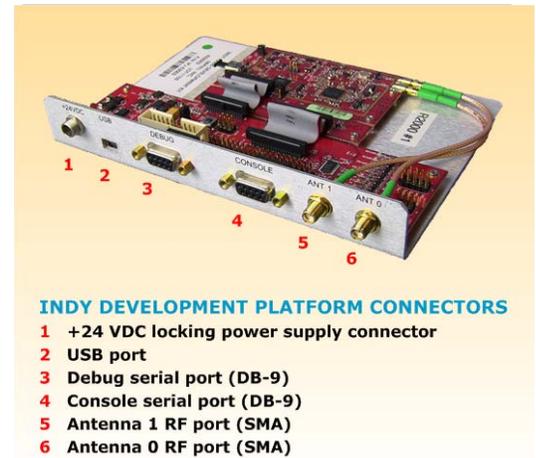


This guide provides steps and tips to help you quickly begin operating your Indy® Reader Development Platform. All the components necessary to begin inventorying RFID tags are included in the kit.

Box Contents

- Indy R2000 or R1000 Development Platform
- Quick Start Guide
- Software tools and documentation CD-ROM
- DC power adapter
- US AC power cord
- EU AC power cord
- USB-to-serial adapter
- Serial cable
- USB cable
- RF cable
- Impinj Mini-Guardrail near-field antenna
- Laird far-field antenna
- 10 Indy R2000 or R1000 chip samples
- ETSI SAW filter kit
- Tag samples from Impinj inlay partners featuring Monza® chips



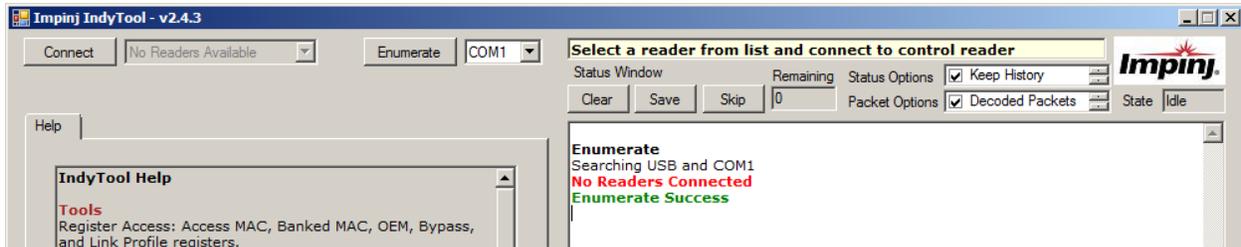
Reading Tags with the Indy Development Platform

1) Setup connections

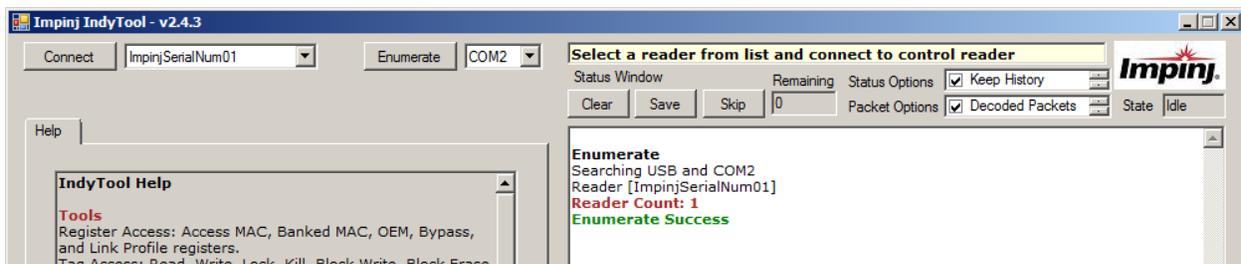
- a) Connect the ANT 0 RF port on the Indy Development Platform to the Mini-Guardrail antenna using the RF cable.
- b) Connect the serial cable to the USB-to-serial adapter and plug the USB end into a host computer. Attach the serial end to the Indy Development Platform console serial port.
- c) Apply power using the DC power adapter and power cord.
- d) Windows 7 computers will automatically discover the Indy hardware and install the device driver. If the computer is using Windows XP or the driver installation fails, install the driver included on the CD-ROM. A demonstration of the installation process can be viewed at http://learn.impinj.com/articles/en_US/RFID/Setting-up-Indy-Software-Tools

2) Install IndyTool application

- a) Insert the CD-ROM and navigate to the Tools\IndyTool directory.
- b) Double click the IndyTool installer file to launch the installation wizard.
- c) When prompted, assign the installation directory to:
[Program Files]\IMPINJ\IndyTool
A desktop shortcut to the application is generated.
- d) Run IndyTool from the Start Menu or by double clicking the IndyTool icon.
NOTE: There is a possibility that the COM port assigned by the driver will not match the port assumed by the application. "No Readers Available" will display in the upper right if this is the case (see example below).



- e) If the COM ports are mismatched, then navigate to the Device Manager in Windows by right clicking on Computer or My Computer, select Device Manager, expand Ports (COM & LPT), and note the COM assignment for the USB Serial Port. Go back to IndyTool and change the COM selection next to the Enumerate button.
- f) Close IndyTool and restart it for the new COM port assignment to take effect. The application pane should appear as below.



- g) Click the Connect button and IndyTool will connect to the Indy Development Platform.

3) Inventory tags

- a) Place one or more tags on the plastic cover of the Mini-Guardrail antenna.
- b) Select the Inventory tab. Set Inventory to Single_Cycle, Antenna 0, 30.0 dBm Power, and select Div 24 (FCC).
- c) Click the Start button. The inventory results, including the EPC of the tag(s), will be displayed.
- d) See the IndyTool PDF on the CD-ROM to learn more about configuring the Indy reader and controlling Gen2 inventory and access operations using IndyTool.

Documentation and Help

- Indy software and hardware documentation is available on the CD-ROM in the Documents directory.
- For help, visit or contact us at:
 - www.impinj.com
 - support@impinj.com
 - support.impinj.com

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