Annex no. 5

User Manual

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PUR-SCANIT-350U HILTI

USER MANUAL

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1 Plug-In

To start working with the PUR-DTR-100U, plug the USB connector into a free USB port of your computer. The PC will then ask you for a valid driver.

2 Driver

The driver can be found in the installation package of any software from RF-Embedded. The driver for the USB device is always stored in the directory of the installation directory of the Software.

E.g. C:\Program Files\RF-Embedded\Reader Suite 1.61\driver

The driver can also be found on the Download Server in the directory Software\Driver.

If more information for other operating systems is required, please refer to the manual "USB Reader – Installing Driver".

3 Software

There are multiple software packages for this reader. The following list shows their purpose:

- **Reader Suite**:
  Discover the full functionality of the reader.
  The range of functions is from simple functions like reading tags up to engineering tests to analyze the reader and/or tag.
- **SmartReaderApp**:
  Easy to use application to just read the tag id and import it to any other application via keyboard input.
- **C#/Qt-SDK**:
  Open Source SDK and test driver to control the reader.

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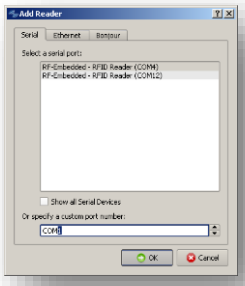
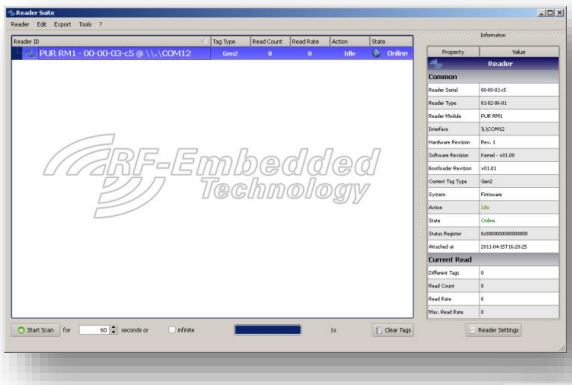
4 Scanning a tag

The first step to work with the Reader Suite is to add a reader. So first connect the reader you want to use and then you can either select ***Menu*** -> ***Reader*** -> ***Add*** in the menu bar,

or you right click into the white space in the main window and select "***Add reader***".

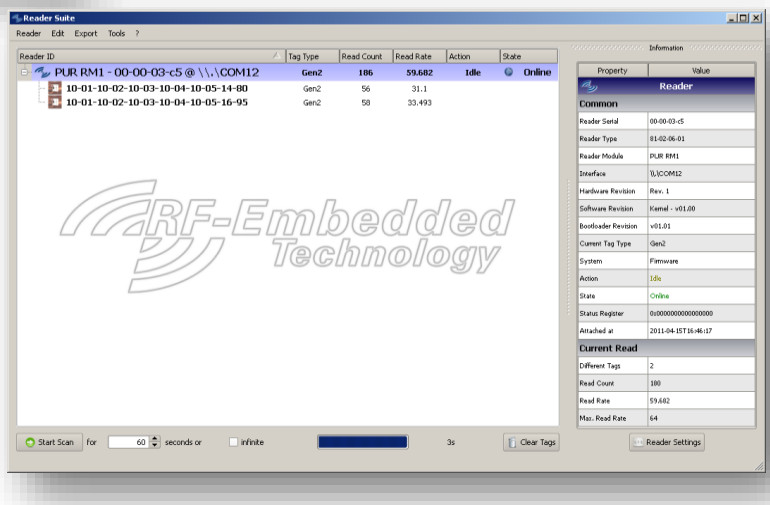
After this, a dialog appears where you can specify how the reader can be connected. You can find the reader in the "Serial" tab. Here you can select one of the shown reader or explicitly enter the COM port number. Initially the list shows only serial ports that are connected via USB and have the RF-Embedded VID and PID. If you activate the "Show all Serial Devices" check box, all available ports will be shown.





If you have either double clicked an entry in the lists or you entered an address and pressed OK, the Reader Suite will try to connect to the reader. If this was successfully, the reader will appear in the main widget of the Reader Suite:

Now you can start an inventory with the just added reader using the "Start Scan" button at the bottom left of the application. If a tag is detected, it is shown in the tree view below the reader:



For more information please refer to the manual of the Reader Suite, that can either be found on the Download Server or in the Reader Suite menu at ***Menu*** -> ***?*** -> ***User Manual.***

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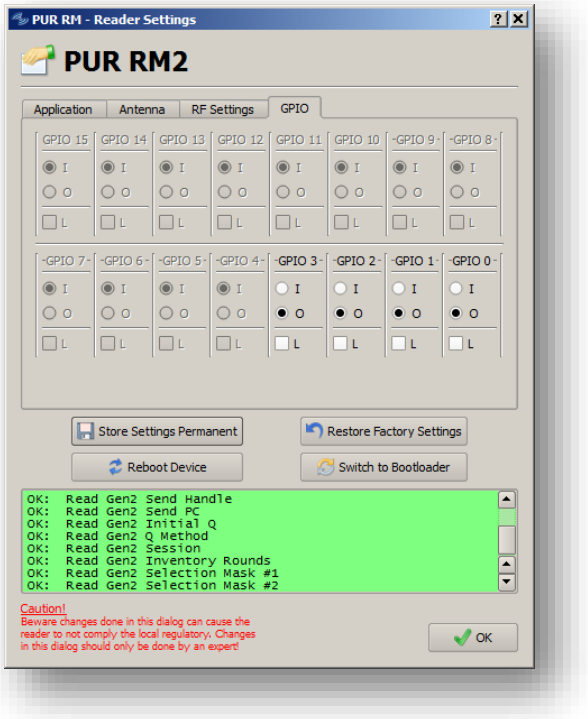
5 Reader Specific

The reader specific features are the four LEDs. The LED state can easily be controlled with the Reader Suite. The control interface can be found in the Reader settings in the tab GPIO. Through changing the Level checkbox of the specific GPIO pin, the state of the LED can be changed.



The four LEDs can also be controlled programmatically with the SDK and the GPIO commands.

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Declaration of Conformity for USA

This device complies with Part 15 of the FCC Rules. 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.
Usually this is followed by the following FCC caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Special advice for carriers of cardiac pacemakers:

Although this device doesn't exceed the valid limits for electromagnetic fields you should keep a minimum distance of 20 cm between the device and your cardiac pacemaker.

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