

SINAPSI S.r.l.

Via delle Querce 11/13

06083 **Bastia Umbra** (PG) Italy

T.+39 075 8011604 F.+39 075 8014602

www.sinapsitech.it | info@sinapsitech.it



RX Settings Tool User Guide

Rev 3.6

INDICE

1. SOFTWARE INSTALLATION.....	3
1.1 System Requirements.....	3
1.2 Installing the RX Settings Tool software	3
2. SIN.EQRPT868X MANAGEMENT	5
2.1 Connecting the SIN.EQRPT868X	5
2.2 Home page	7
3. SETTINGS.....	8



1. SOFTWARE INSTALLATION

1.1 System Requirements

For the proper operation of the RX Settings Tool, minimum system requirements are needed such as:

- Operating System: Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10
- HW features: 32bit or 64bit processor, 1 USB 1.1 port or higher
- Minimum supported resolution: 1280x768

1.2 Installing the RX Settings Tool software

Follow the procedure for installing the management software.

Double-click on the icon  and follow the steps below

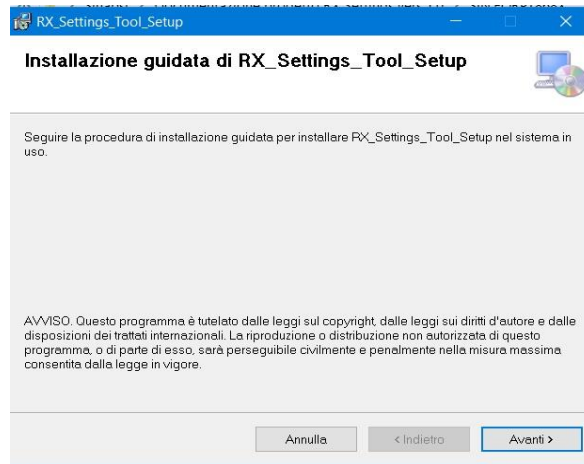


Figure 1 - Installation Step 1

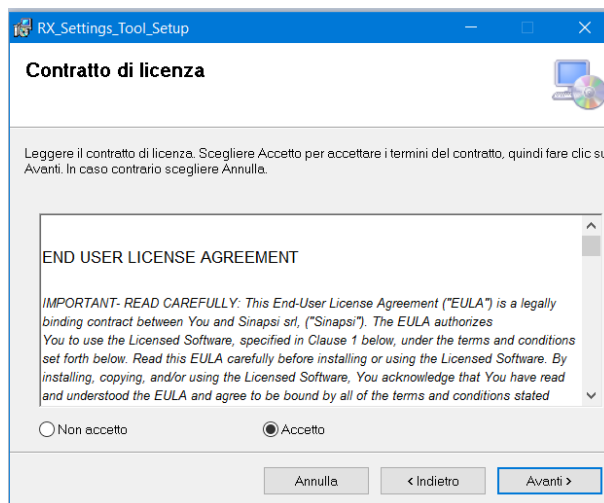


Figure 2 - Installation Step 2

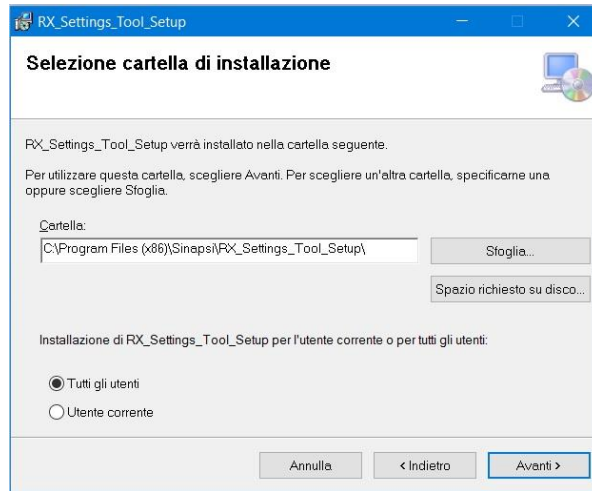


Figure 3 - Installation Step 3

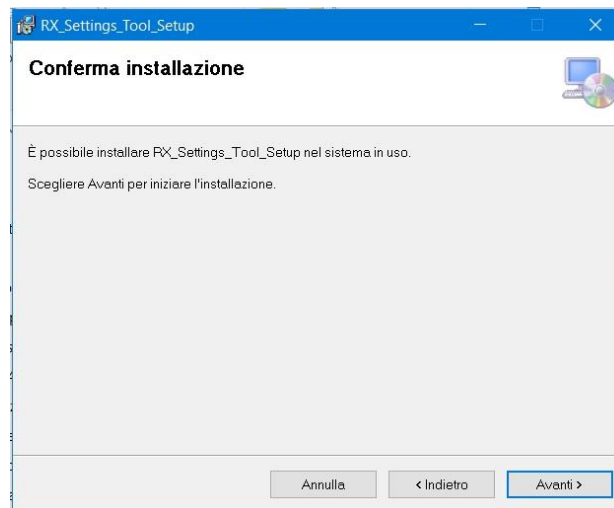


Figure 4 - Installation Step 4

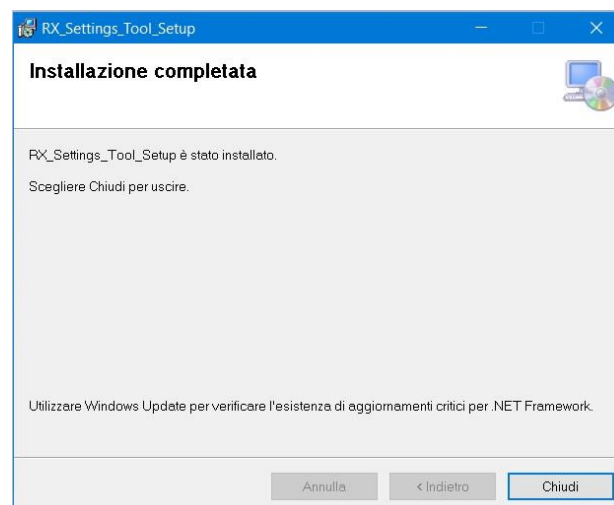


Figure 5 - Installation Step 5

2. SIN.EQRPT868X MANAGEMENT

2.1 Connecting the SIN.EQRPT868X

Installation and use of the SIN.EQRPT868X extender does not require the installation of any driver or software that is not present in the owner's installation package.

Follow step:

- 1) Power the SIN.EQRPT868X (refer to the SIN.EQRPT868X manual)

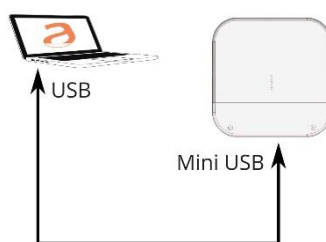


Figure 6 - SIN.EQRPT868X Device connection

If your PC screen displays a message that the device is not recognized, use the link <http://www.ftdichip.com/Drivers/VCP.htm> to reach the site where you can download the driver needed to recognize the SIN.EQRPT868XT device.

In the following figure you can see how to choose the right driver, depending on the operating system installed and the architecture of your PC.

www.ftdichip.com/Drivers/VCP.htm

FTDI Chip
Future Technology Devices International Ltd.
THE USB BRIDGING SOLUTIONS SPECIALISTS

Home
Products
Drivers
VCP Drivers
D2XX Drivers
D3XX Drivers
Firmware
Support
Android
EVE
MCU
Sales Network
Web Shop
Newsletter
Corporate
Contact Us

Virtual COM Port Drivers

This page contains the VCP drivers currently available for FTDI devices.

For D2XX Direct drivers, please click [here](#).

Installation guides are available from the [Installation Guides](#) page of the [Documents](#) section of this site for selected operating systems.

VCP Drivers

Virtual COM port (VCP) drivers cause the USB device to appear as an additional COM port available to the PC. Application software can access the USB device in the same way as

This software is provided by Future Technology Devices International Limited "as is" and any express or implied warranties, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, title, non-infringement, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

FTDI drivers may be used only in conjunction with products based on FTDI parts.

FTDI drivers may be distributed in any form as long as license information is not modified.

If a custom vendor ID and/or product ID or description string are used, it is the responsibility of the product manufacturer to maintain any changes and subsequent WHCK re-certification. For more detail on FTDI Chip Driver licence terms, please [click here](#).

Currently Supported VCP Drivers:

Operating System	Release Date	Processor Architecture						
		x86 (32-bit)	x64 (64-bit)	PPC	ARM	MIPSII	MIPSIV	SH4
Windows*	2016-10-10	2.12.24	2.12.24	-	-	-	-	-

- 2) Wait for the message from the Operating System to properly recognize the device "USB Installation input device completed"
- 3) If required by the operating system, restart the system

2.2 Home page



After starting the software installed, the Software Home Page has a main screen as in Figure:



Figure 7 - Home Page

The window is divided into four sections

Current status of SIN.EQRPT868X. The entries are:

- 1
 -  Indicates the languages you can choose. From left: Italian, English, German. The default language is English.
- 2
 - **Manage access to repeater:**  Shows the serial port where the extender is connected. If there are more than one connected extender, choose the one to set from the drop-down menu. Press Connect to connect to the device and automatically import all stored settings.
- 3
 - **Serial Number:** **Version:**
Manufacturing ID: **Device:** Indicates information about the device to be set. Before joining the fields will be empty.
- 4
 - **Settings**
M-BUS mode: S T C T+C **Write**
 Filter Manufacturing ID: **Code:** Displays the device M-Bus setting. Display the filter by Manufacturing ID

3. SETTINGS

Section dedicated to SIN.EQRPT868X software settings.

In this section you can access the following menus:



Figure 8 - M-Bus Interface

- **Connecting to the device:** Pressing the Connect button connects you to the device and automatically reads the current settings. From here you can view the serial number, manufacturer's ID, version and device type, according to EN13757.
- **Changing the M-Bus mode:** Once the settings have been read out, you can change the "mode of operation" into the following modes: S, T, C, T+C. Just then press the **Write** button, a pop-up will confirm the settings change made.
- **Set Manufacturing ID filter:** You can also set a filter for incoming devices for Manufacturing ID. Then Choose whether to receive device data from a single manufacturer.
- **Closing Program:** After making the desired settings, it is possible to exit the tool at any time through the X button located in the upper right corner, the SIN.EQRPT868X exits the programming and returns to operational mode.