



Telit USB Drivers Installer User Guide

1VV0301164 Rev. 14 – 2020-09-17

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APPLICABILITY TABLE

PRODUCTS

- ATOP 3.5G
- CE910 SERIES
- DE910 SERIES
- FN980 SERIES
- GE910 SERIES
- HE910 SERIES
- LE866 SERIES
- LE910 SERIES
- LE910C1 SERIES
- LE910C4 SERIES
- LE910D1 SERIES
- LE910X1 SERIES
- LE910 V2 SERIES
- LE920 SERIES
- LE920A4 SERIES
- LE922A6 SERIES
- LE940B6 SERIES
- LM940 SERIES
- LM960 SERIES
- ME310 SERIES
- ME910 SERIES
- UE910 SERIES
- UL865 SERIES

OPERATING SYSTEMS

Windows 10	x86, x64
Windows 8.x	x86, x64
Windows 7	x86, x64

INSTALLER VERSION

Msi: 1.13.0000

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1. INTRODUCTION

1.1. Scope

Scope of this document is to give an overview of Telit Moduels USB Drivers Installer.

1.2. Audience

This document is addressed to users of Telit modems with Windows operating systems.

1.3. Contact Information, Support

For general contact, technical support services, technical questions and report documentation errors contact Telit Technical Support at:

- TS-EMEA@telit.com
- TS-AMERICAS@telit.com
- TS-APAC@telit.com
- TS-SRD@telit.com (for Short Range Devices)

Alternatively, use:

<http://www.telit.com/support>

For detailed information about where you can buy the Telit modules or for recommendations on accessories and components visit:

<http://www.telit.com>

Our aim is to make this guide as helpful as possible. Keep us informed of your comments and suggestions for improvements.

Telit appreciates feedback from the users of our information.

1.4. Text Conventions



Danger – This information **MUST** be followed or catastrophic equipment failure or bodily injury may occur.



Caution or Warning – Alerts the user to important points about integrating the module, if these points are not followed, the module and end user equipment may fail or malfunction.



Tip or Information – Provides advice and suggestions that may be useful when integrating the module.

All dates are in ISO 8601 format, i.e. YYYY-MM-DD.

1.5. Related Documents

AT Commands User Guide of the modem in use.

2. TELIT MODULES DRIVERS INSTALLER

2.1. Installer Details

Telit provides two different installers according to the architecture of the host system:

- **x86:** Telit Modules Drivers x86
Upgrade code: {39E0708A-93C0-4286-A83C-B41ED44BFD55}
Product code: {6396F9F2-B8E9-4876-B6F3-0BD4EFD62040}
- **x64:** Telit Modules Drivers x64
Upgrade code: {5FDA13FC-DC91-4268-8CB3-D58418BC4E78}
Product code: {25D1F4B7-4218-43EB-BBF4-04731420441C}



All previous Telit drivers installation with a different Upgrade Code should be manually uninstalled before installing this package.

x86 versions previous than 1.06.0011 need always to be uninstalled before installing this package.

2.2. How to use the installer

Telit Module Drivers Installer supports both attended and unattended installation processes. Administrative rights are required to install the package.



It is suggested to unplug any Telit modem before starting the installation process. This is mandatory if IMEI identification should be disabled.

2.2.1. Attended installation

Run the installer package and, after the welcome screen, choose the preferred installation choice:

- **Complete:** all the drivers are installed (suggested option).
- **Custom:** only the selected drivers are installed.

Click the *Next* button to start the installation.

2.2.2. Unattended installation

Type the following line to install all the drivers:

```
msiexec /i <package name> /qn
```

e.g.

```
msiexec /i TelitModulesDrivers_x64.msi /qn
```


2.3. USB compositions with network interface

Some USB compositions present a network interface that can be used for establishing a data connection.

When the data connection is up it is possible that the USB network interface conflicts with other network interfaces already available in the operating system: Windows network configuration should be managed in order to have all the interfaces coexist properly.

2.4. Disable IMEI identification

When modems with different serial numbers are plugged into the same host system, a new set of serial ports will be created. In order to avoid this behavior and reuse the same port numbers the registry should be modified according to the file `usb_imei_patch.reg` available in:

```
C:\Program Files (x86)\Telit\ModemDrivers\Registry
```

Supported PIDS can be found in the registry patch file.

In order to disable IMEI identification:

- Verify that the module is not connected to the host, during the installation process.
- Open the file in a text editor as administrator and uncomment the line related to the PID in use.
- Double click on the file and accept to modify registry.
- Connect the module.



Please note that these keys modify a Windows behavior and they are not strictly related to Telit drivers. Not all the host controllers support this feature, so they can be ineffective.

2.5. Windows 7 signature issue

Telit drivers are signed with a SHA2 certificate. This may cause issues with not updated Windows 7 installations, preventing the driver from working.

To solve this issue please check [Microsoft Advisory 3033929](#).

2.6. Windows 10 secure boot issue

When secure boot is enforced in Windows 10 operating system, the OS accepts only WHQL certified drivers: Telit drivers are not WHQL certified, so they won't work.

Please disable secure boot for proper Telit drivers working or use Telit Windows 10 WHQL drivers Installer.

3. SUPPORTED MODEMS BY PRODUCT IDS

3.1. List of Product IDs

Following a list of Product IDs (PIDs) supported by this installer according to the operating system version.

If a composition requires an inbox driver, the device name is reported. Inbox drivers are not installed by Telit installer, but belong natively to the operating system.

For details on the composition please refer to the AT Commands User Guide of the modem in use.



An X in the cell means that the composition is currently not supported.

Product ID	7	8.x / 10
0x0020	√	√
0x0021	√	√
0x0022	√	√
0x0023	√	√
0x0024	√	√
0x0025	√	√
0x0032	Telit MBIM	Inbox MBIM
0x0033	Telit MBIM	X
0x0035	√	√
0x0036	√	√
0x0037	√	√
0x0100	√	√
0x1000	√	√
0x1001	√	√
0x1002	√	√
0x1003	√	√
0x1004	√	√

0x1005	✓	✓
0x1006	✓	✓
0x1010	✓	✓
0x1011	✓	✓
0x1012	✓	✓
0x1013	✓	✓
0x1014	✓	✓
0x1015	✓	✓
0x1017	✓	✓
0x1018	✓	✓
0x1019	✓	✓
0x101B	X	Inbox MBIM
0x1031	✓	✓
0x1032	✓	✓
0x1033	✓	✓
0x1034	✓	✓
0x1036	✓	✓
0x1040	✓	✓
0x1041	X	Inbox MBIM
0x1042	Inbox RNDIS	Inbox RNDIS
0x1044	X	Inbox MBIM
0x1045	Inbox RNDIS	Inbox RNDIS
0x1050	✓	✓
0x1051	X	Inbox MBIM
0x1052	Inbox RNDIS	Inbox RNDIS
0x1054	✓	✓
0x1100	✓	✓
0x1101	✓	✓

0x110A	✓	✓
0x1200	✓	✓
0x1201	✓	✓
0x1203	Inbox RNDIS	Inbox RNDIS
0x1204	X	Inbox MBIM
0x1205	X	Inbox MBIM
0x1207	✓	✓
0x1208	✓	✓
0x1212	✓	✓
0x1216	✓	✓
0x1217	X	Inbox MBIM
0x1221	✓	✓
0x1222	✓	✓
0x1223	✓	✓
0x1227	✓	✓
0x1228	✓	✓
0x1250	✓	✓
0x1251	Inbox RNDIS	Inbox RNDIS
0x1252	X	Inbox MBIM
0x1254	✓	✓
0x1255	✓	✓
0x1260	✓	✓
0x1261	✓	✓
0x1400	✓	✓
0x1401	✓	✓
0x2300	✓	✓

4. GLOSSARY AND ACRONYMS

ACM	Abstract Control Model
ECM	Ethernet Control Model
NCM	Network Control Model
USB	Universal Serial Bus
WHQL	Windows Hardware Quality Labs

5. DOCUMENT HISTORY

Revision	Date	Changes
0	2015-01-30	<ul style="list-style-type: none"> • First release
1	2015-04-24	<ul style="list-style-type: none"> • Added support for Windows 10
2	2015-07-28	<ul style="list-style-type: none"> • Added LE866 support and new paragraph about installer procedure • Added new paragraph for modules with network interface
3	2015-10-02	<ul style="list-style-type: none"> • Document rearrangement
4	2016-01-18	<ul style="list-style-type: none"> • Added LE910 V2 Series new PIDs support
5	2016-03-01	<ul style="list-style-type: none"> • Added LE922A6 Series new PID support
6	2016-05-03	<ul style="list-style-type: none"> • Modified installation procedure paragraph
7	2016-07-19	<ul style="list-style-type: none"> • Added LE922A6, LE940B6 support
8	2017-07-03	<ul style="list-style-type: none"> • Added LE920A4 new PID compositions • Added disable IMEI identification paragraph • Added new paragraph for Windows signing issue • Added new paragraph for secure boot issue • Added ME910 support
9	2018-05-10	<ul style="list-style-type: none"> • Updated product and upgrade codes • Added LM940, LM960 support • Added LE910C1 new PID compositions

Revision	Date	Changes
10	2018-09-14	<ul style="list-style-type: none"> Updated msi installer product codes
11	2019-03-22	<ul style="list-style-type: none"> Added 0x1260 and 0x1261 compositions support Updated msi installer versions and product codes
12	2019-07-12	<ul style="list-style-type: none"> Added 0x1250, 0x1251, 0x1252 and 0x110A compositions support
13	2019-12-09	<ul style="list-style-type: none"> Added ME310 and LE910X1 in the Applicability Table. Added 0x1054 composition support
14	2020-09-17	<ul style="list-style-type: none"> Added LE910C1-EUX compositions 0x1034 and 0x1036



SUPPORT INQUIRIES

Link to **www.telit.com** and contact our technical support team for any questions related to technical issues.

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