



Tavor ULC/Tavor TD

Tools for TTD/TTC

PC Driver Installation Guide

[v1.03](#)

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PC Driver Installation Guide

Document Conventions



Note: Provides related information or information of special importance.



Caution

Caution: Indicates potential damage to hardware or software, or loss of data.



Warning: Indicates a risk of personal injury.

Document Status

Doc Status: PC Driver Installation Guide

Technical Publication: [v1.03](#)

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1 About This Document

1.1 Purpose

Describe the installation steps of PC drivers.

1.2 Abbreviations and Acronyms

Table 1.1: Abbreviations and Acronyms

Acronym	Description
MDiagUSB	Driver for USB Diag device
Modem	Driver for Serial/USB Modem device
ADB	Driver for Android USB device
IMLT	Driver for IMLT USB device(not embedded in DKB)
RNDIS	Driver for RNDIS device. It will be auto installed by WinXP SP3 and later
Mass Storage	Driver for Mass Storage. It will be supported by Windows
UE	User Equipment, such as smart phone, ASR DKB/EVB.
USBDeview	Tool for uninstall any USB driver

1.3 Hardware Requirements

Processor	Pentium IV 2.0Hz (or higher).
Memory	512MB RAM or higher.
Storage	128MB free space on the hard disk.
Ports	Two available serial communication ports (minimum). USB 2.0 Port
Cables & Adapters	UART cable and adapter. USB cable.

1.4 Software Requirements

Table 1.3 Software Requirements

Operating System	MS Windows XP with SP3, Windows7 or later
Applications	None

1.5 Functionality

- Receive data from UE, process and save to icl format file.
- Communicates with UE via a number of communication ports, including serial RS-232 protocol standard, USB connection and Socket.
- Dispatch data received from UE to other applications which are belonging to CATStudio toolkit.

2 Installation

2.1 Preparation

1. Unzip CATStudio release package and find out the folder USB\.
2. Plug-in the related UE(DKB/EVB/Phone) to PC and confirm the UE works.
3. Launch the Device Manager by steps:

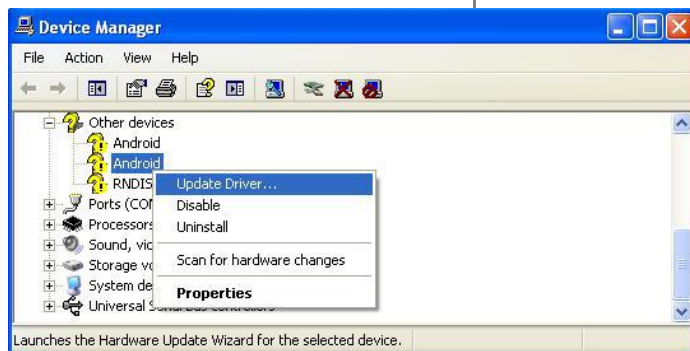
WinXP: right click My Computer->Properties->Click Device Manager button on Hardware Tab.
Win7: right click My Computer->Properties->Click Device Manager.

2.2 Installation on WindowsXP with SP3

For the first installation, the Device Manager will show some new hardware device on it. The device should be "android". For any device of DKB except the RNDIS and Mass Storage, the following steps work.

Note: device name might be different depending on different UE, usually ASR DKB is using "android".

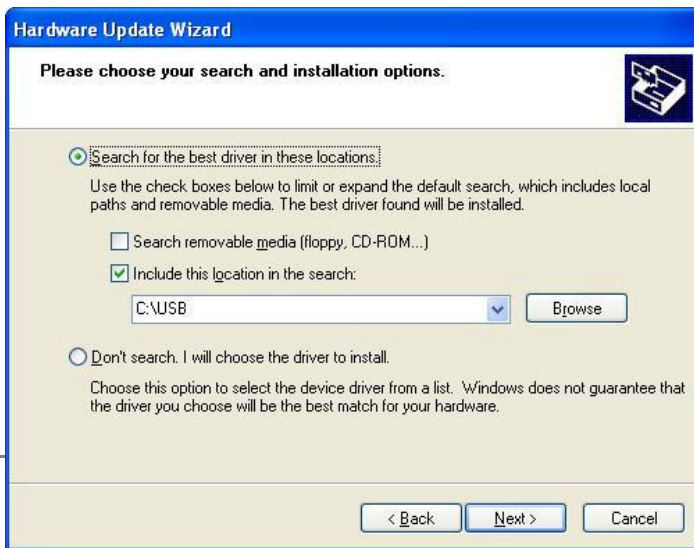
Step1. Right-click any "android" device then select "Update Driver..." to install the driver.



Step2. In the pop-up dialog, select "No, not this time" then click "Next >" button.

Step3. Select "Install from a list or specific location (Advanced)" then click "Next >" button.

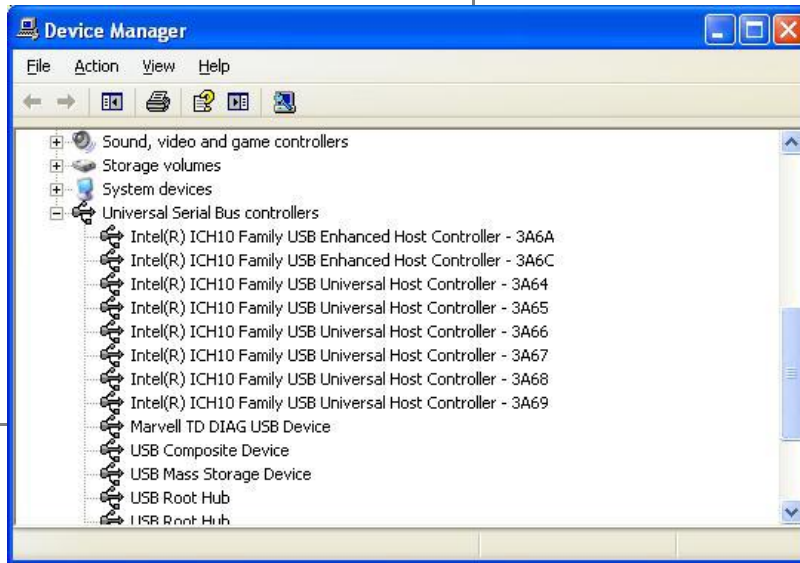
Step4. In the dialog, select "Search for the best driver in these locations" and check on "Include this location in the search:". Then input the full-path of folder USB\.. Like the following graphics.



Step5. Click “Next >” then system will auto install the driver from the USB\ path. If the dialog “Hardware Installation” be popped, just click “Continue Anyway” to install the driver.



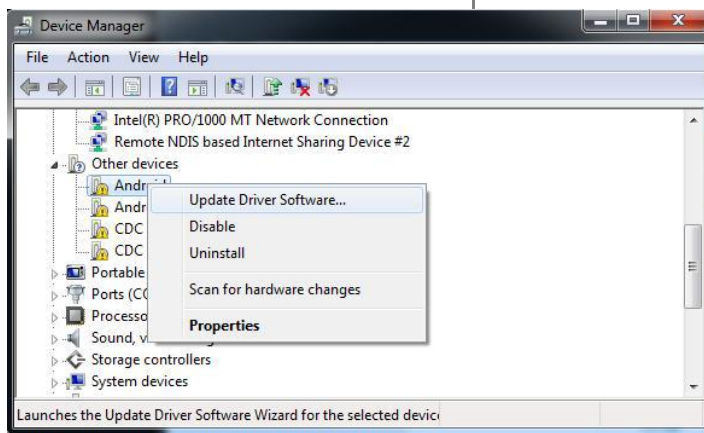
Step6. After the installation finished, the worked device will be showed in Device Manager. For this example, the device is “ASR TD DIAG USB Device”.



2.3 Installation on Windows 7

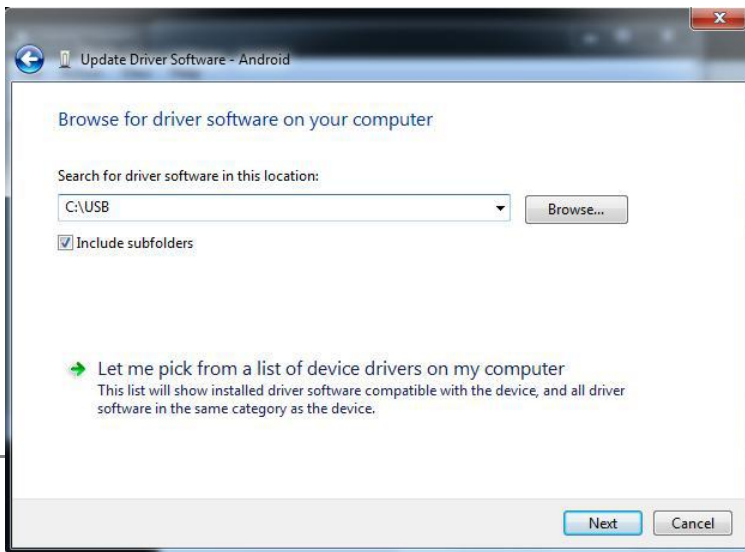
The installation steps on Windows 7 are very similar with steps on Windows XP. Just the dialog UI is different.

Step1. Right-click any “android” device then select “Update Driver Software...” to install the driver.

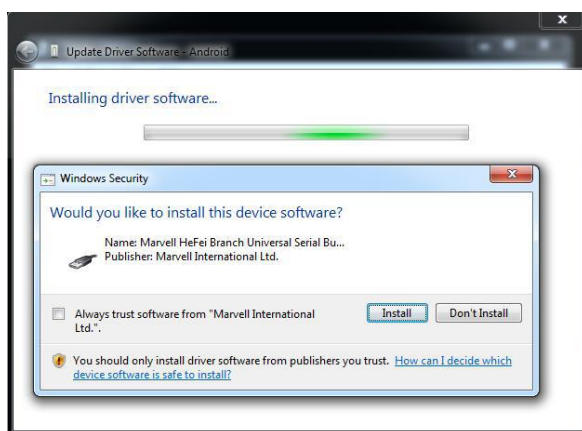


Step2. In the pop-up dialog, click “Browse my computer for driver software”.

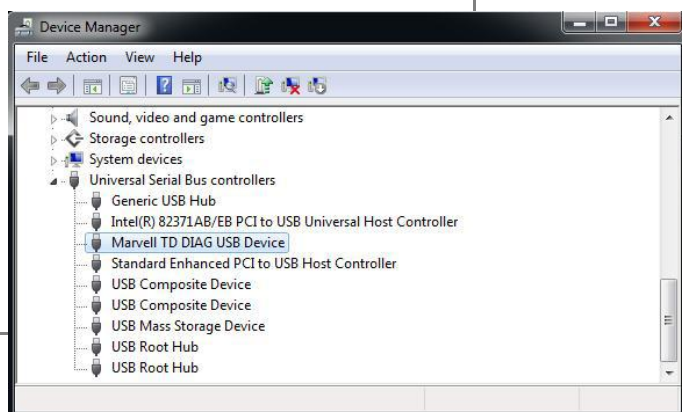
Step3. In the dialog, input the full-path of folder USB\ into the “Search for the best driver in these locations” edit bar. Like the following graphics.



Step4. Click “Next” then system will auto install the driver from the USB\ path. If the one of the following dialog be popped, just click “Install this driver software anyway” for 1st graphics or “Install” for 2nd graphics to install the driver.

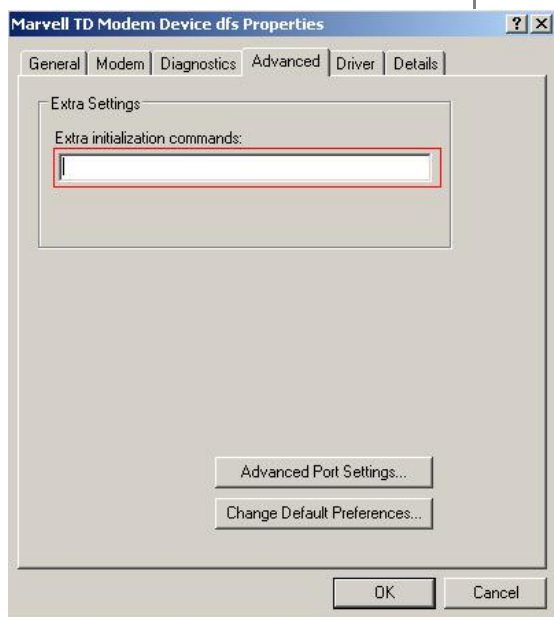


Step5. After the installation finished, the worked device will be showed in Device Manager. For this example, the device is “ASR TD DIAG USB Device”.



2.4 Notice for modem installation

After modem driver was installed, the “Extra Settings” is empty. Please configure it manually.



3 Appendix

3.1 Report issues

Please visit webs: <http://support.asrmicro.com>.



Or contact Marvel FAE/AE

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

3.2 Update this document

Please send updated document to lianghuxu@asrmicro.com with "PC Driver Installation Guide: ..." title for merging, and you will receive merged latest version.

3.3 Revision History

Rev	Description	Date
1.00	Initial version	2012-04-11
1.02	Change DKB to UE.	2012-04-12
<u>1.03</u>	<u>Add the Notice for modem installation</u>	<u>2012-05-17</u>