TOSHIBA

TOSHIBA POS Terminal

ST-M30

Native Driver Setup Guide

FIRST Edition: March 29, 2012

TOSHIBA TEC CORPORATION

Revision Record

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Table of Contents

1. Overview 3
1.1 Objectives 3
2. Installation 4
2.1 Starting the installer 4
2.2 Installation Path selection 5
2.3 Driver selection 5
2.4 Setup of Driver 6
2.5 Finishing Installation 7
3. Silent Installation 8
3.1. Silent Install with Default settings 8
3.2. Silent Install with change settings 8
3.3. Table of error codes 10
4. Uninstallation 11
5. Precautions 12

Caution

- **It is prohibited to copy or transfer a part or whole of this manual without the consent.**
- **The content of this manual is subject to change without notice in the future.**

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***The official name of Windows is Microsoft Windows Operating System.**

1. Overview

1.1 Objectives

The objective of this specification is to explain the procedure to install TEC Native Driver.

TEC Native Driver installs the following drivers.

- Sensor driver
- Watchdog Timer driver
- WD-111 driver
- TECUSB driver
- POS Keyboard driver

These drivers are solely for TEC OPOS Control. It is not encourage to be installed on normal PC.

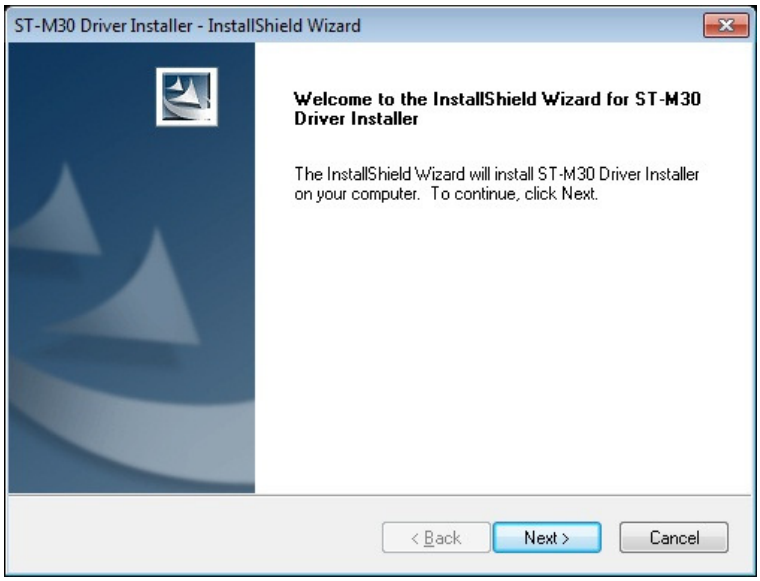
2. Installation

2.1 Starting the installer

1. Execute “ST-M30_Driver_Installer.exe” file

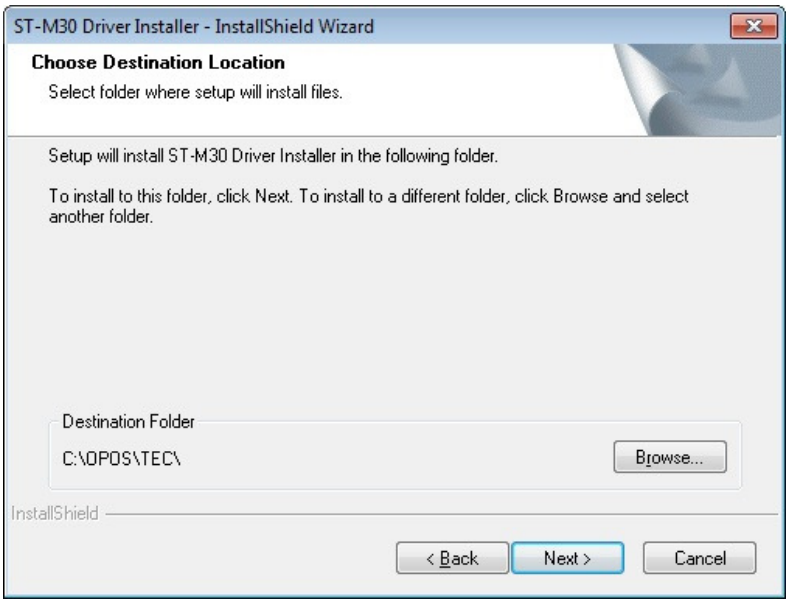


2. Press “Next” button to proceed.



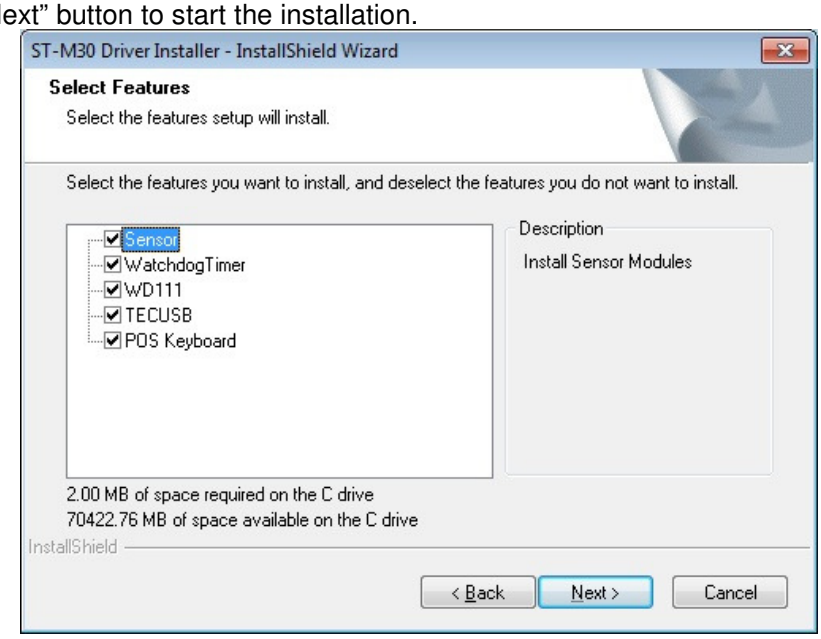
2.2 Installation Path selection

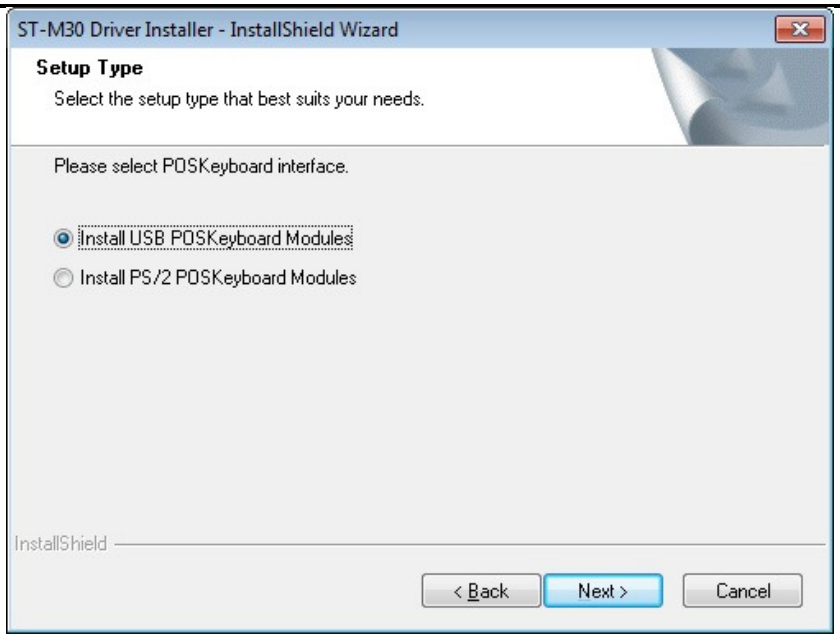
1. Select the installation location by pressing “Browse” button. Then press ”Next” to continue. By default the installation location is C:\OPOS\TEC.



2.3 Driver selection

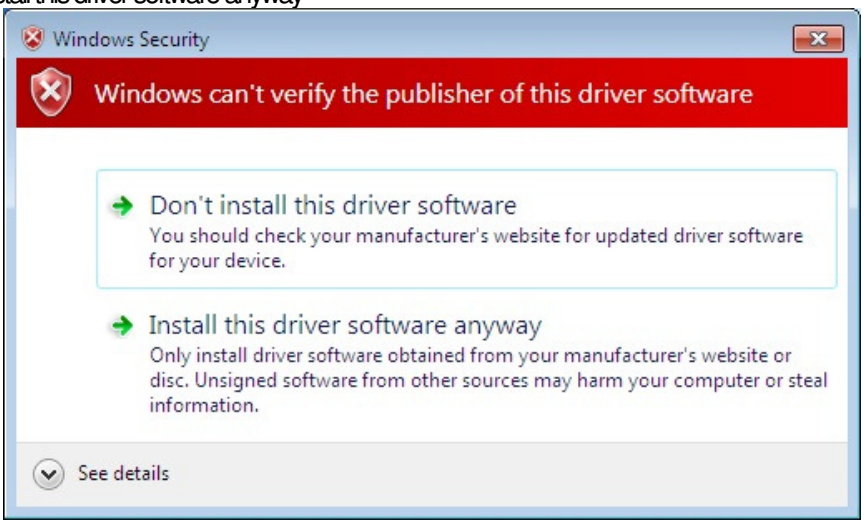
1. In the following screen, select the driver to be installed.
2. Press “Next” button to start the installation.



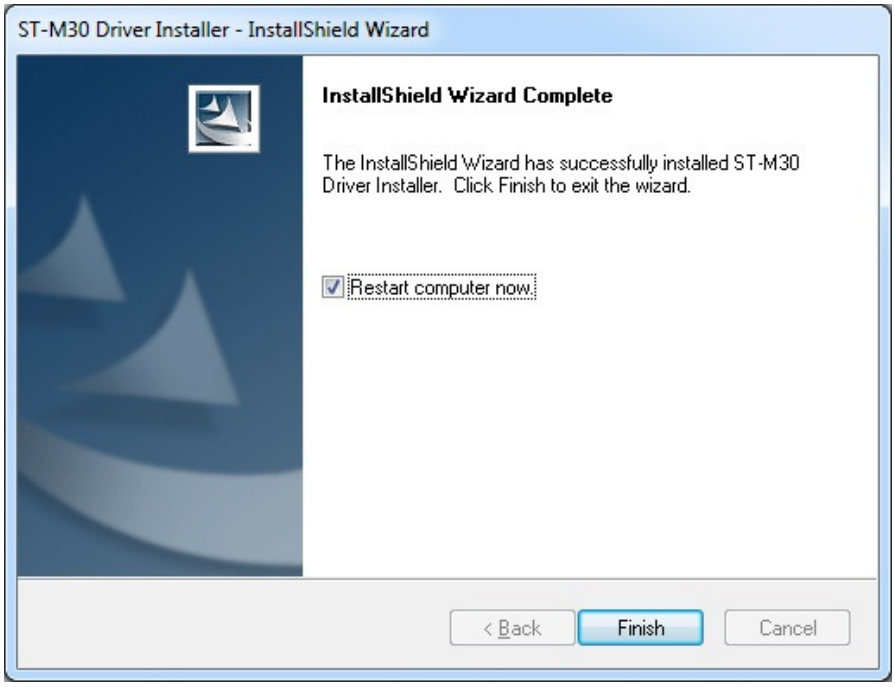


2.4 Setup of Driver

The following screen will be displayed several times (depend on the number of selected drivers in previous screen).
Please select "Install this driver software anyway"

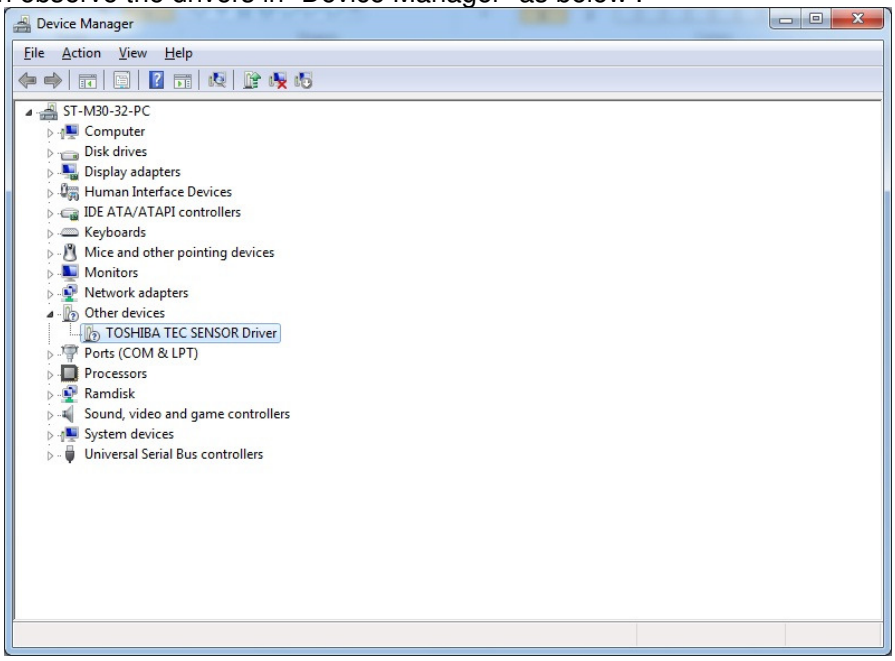


2.5 Finishing Installation



Press “Finish” button to exit from installation.

Then you can observe the drivers in “Device Manager” as below .

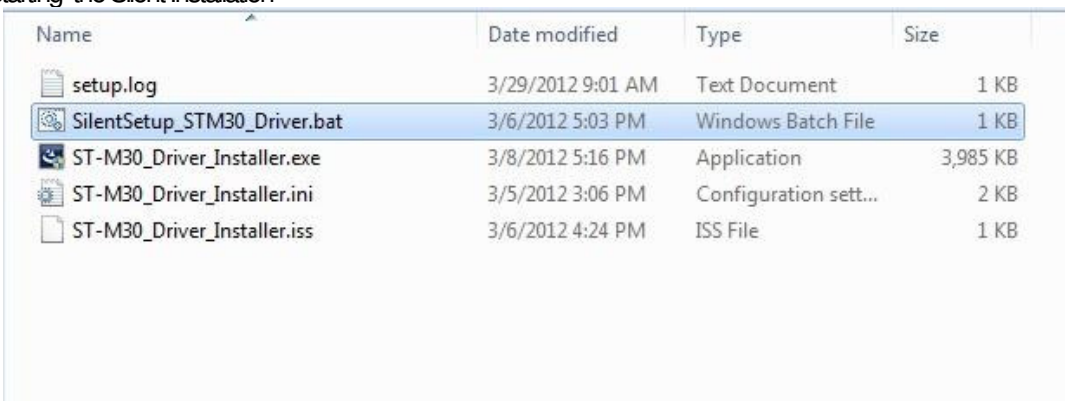


3. Silent Installation

3.1. Silent Install with Default settings

This is the installation using default setting file "ST-M30_Driver_Installer.ini". In this case, all of the components will be installed.

3.1.1 Starting the Silent Installation

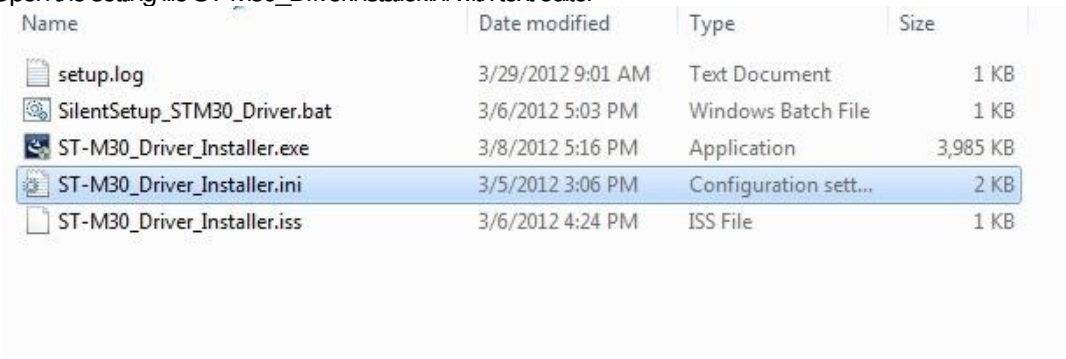


Run the "SilentSetup_STM30_Driver.bat" in the Kit

3.2. Silent Install with change settings

This is the installation using customized setting file "ST-M30_DriverInstaller.ini". In this case, you need to edit the setting file.

3.2.1. Open the setting file ST-M30_DriverInstaller.ini with text editor



3.2.2. Edit ST-M30_Driver_Installer.ini (Self-explanatory setting file)

```
;************************************************
;
;This is the file for setting silent installation.
;************************************************
;

;-----------------------------------
;Please select Install Drectory.
;-----------------------------------
[InstallDirectory]
Path=C:\OPOS\TEC\

;-----------------------------------
;Please select Drivers you want to install.
;
;  (Param)        (Mean)
;          1:        install the driver
;          0:        do not install the driver
;
;-----------------------------------
[InstallDrivers]
POSKeyboard=1
Sensor=1
WatchdogTimer=1
WD111=1
TECUSB=1

;-----------------------------------
;Please select POSKeyboard Interface.
;
; (Param)          (Mean)
; USB:   USB POSKeyboard
; PS2:   PS/2 POSKeyboard
;
;-----------------------------------
[POSKBDInterface]
KBDInterface=USB

;-----------------------------------
;Please select Reboot Option.
;
;  (Param)        (Mean)
;          1:        Reboot the computer
;          0:        do not Reboot the computer
;
;-----------------------------------
[Reboot]
RebootMachine=1
*************************************************************************************************
```

3.3. Table of error codes

After installation, installer creates a log file ("setup.log"). Refer to [ResponseResult] →ResultCode to confirm the result of installation.

```
[ResponseResult]
ResultCode=0
```

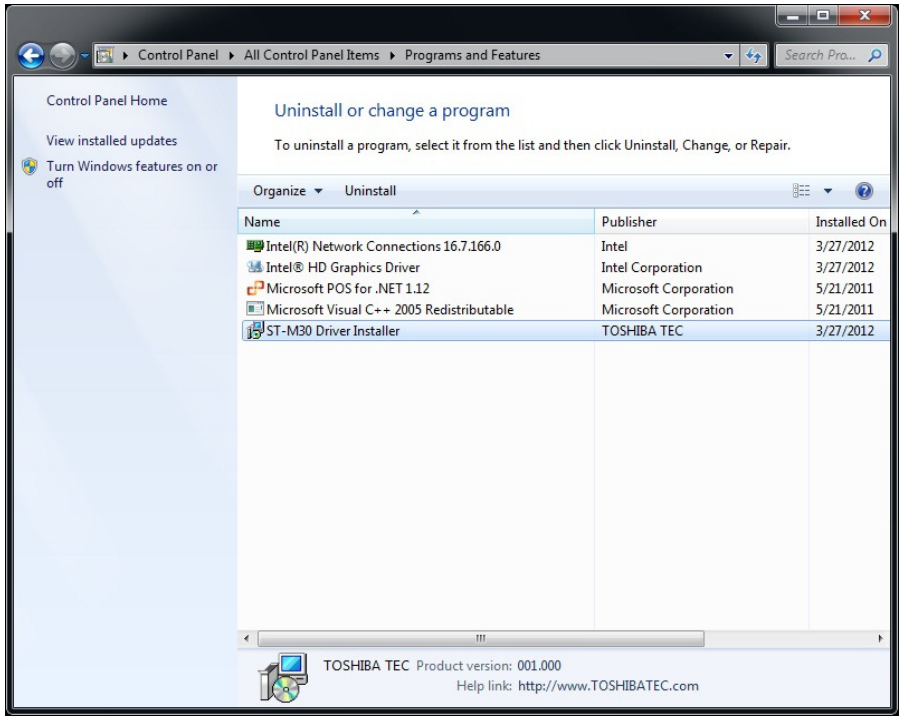
This is a table of error codes.

Value	Mean
0	Success
-1	General error
-2	Mode is invalid
-3	Cannot find the necessary data. There are any errors in the response file.
-4	Insufficiency of Memory
-5	Cannot find the response file
-6	Cannot write to the response file
-7	Cannot write to the log file
-8	The path of response file is invalid
-9	Data format is invalid
-10	Data format is invalid
-11	Unknown error occurred
-12	Dialog order is wrong
-51	Cannot create the specific folder
-52	Cannot access the specific file or the specific folder
-53	Selected option is invalid

4. Uninstallation

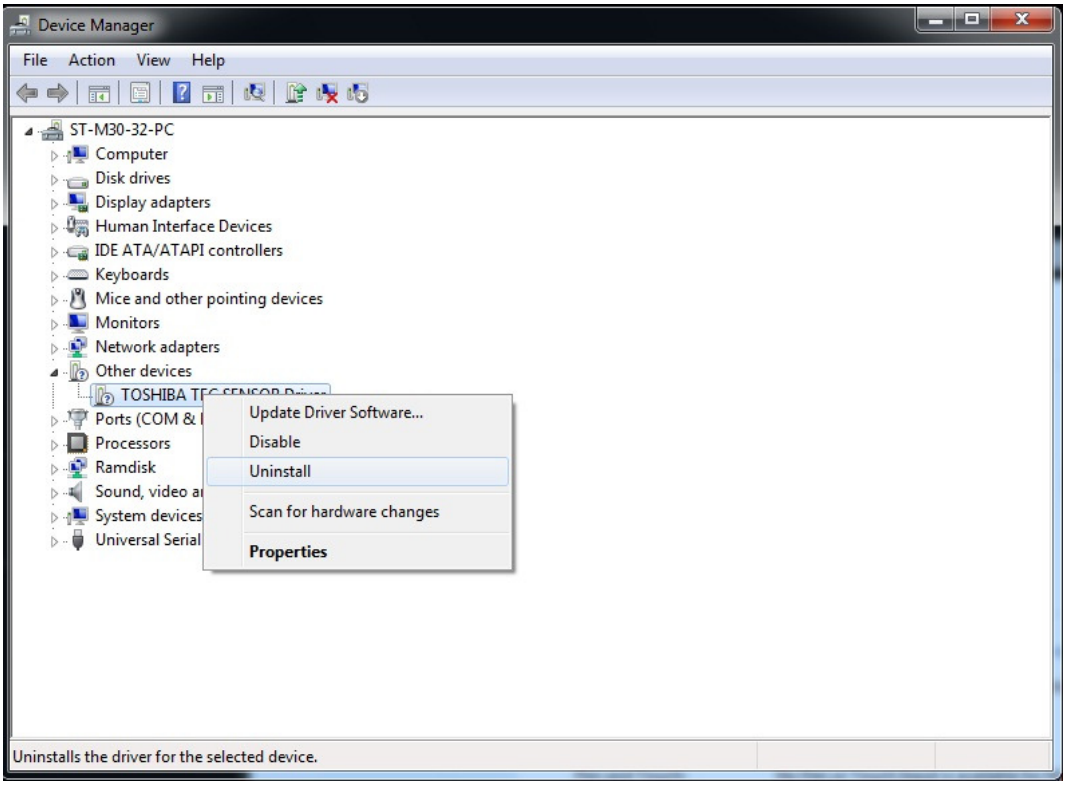
4.1 Starting the uninstallation

1. Open “Control Panel”.
2. Open “Programs and Features” or “Add or Remove Programs” from the control panel respectively in Windows 7 and Windows XP.
3. Select “OPOS for TEC Drawer”, then select “Uninstall” from the right click menu for Windows 7, while Windows XP, press the “Remove” button.



4.2 Uninstall drivers

Open “Device Manager”.
Right Click on the particular device which to be uninstalled then select “uninstall”.



5. Precautions

Installation work must be done by login into system administrator account in Windows.