TOSHIBA

TOSHIBA POS Terminal

TEC OPOS Installer

Drawer OPOS Setup Guide

SECOND Edition: Jan 10, 2014

TOSHIBA TEC CORPORATION

Revision Record

Rev. No.	Date	Description
V001.000	29 Mar 2012	First Release
V001.001	10 Jan 2014	Update DRWST and DRWEX driver - Retry send open drawer command if drawer is busy (Except STM30) - Adding log functionality Update SDPortMgr.exe and SDPort.dll for ST-M30 - Adding wait time after send drawer command Remove reboot screen for 32 bits installer

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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 OPOS Control for Drawer.

TEC OPOS Control installs the following controls.

Drawer

DRWST-5x Cash Drawer Control

1.2 TEC OPOS Control Components

These 2 components are required for TEC OPOS Control Kits:

- OPOS Control
- Native Driver

The Device Driver is provided to access the unique hardware for TOSHIBA TEC Terminals. Some Controls require the Device Driver to be installed in advance. And the above two components will be installed automatically when the installer is executed.

1.3 Supported Operating System

Operating System	32-bit	64-bit
Windows XP Pro (SP3)	✓	
Windows 7	✓	✓ *
POS Ready 2009	✓	
POS Ready 7	✓	✓ *
WEPOS 1.1	✓	

✓ means the OS is supported on the POS models platform

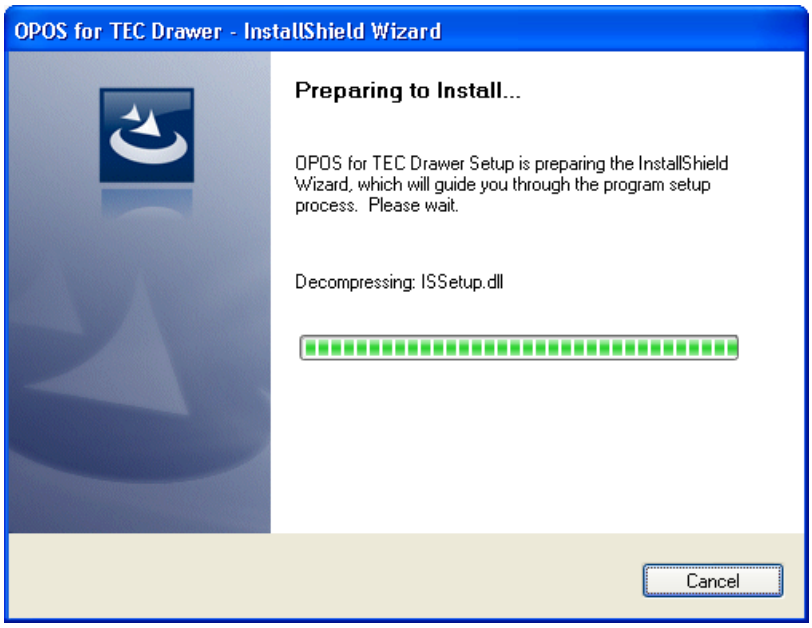
✓ * means the OS is only supported on ST-M30 model.

2. Installation

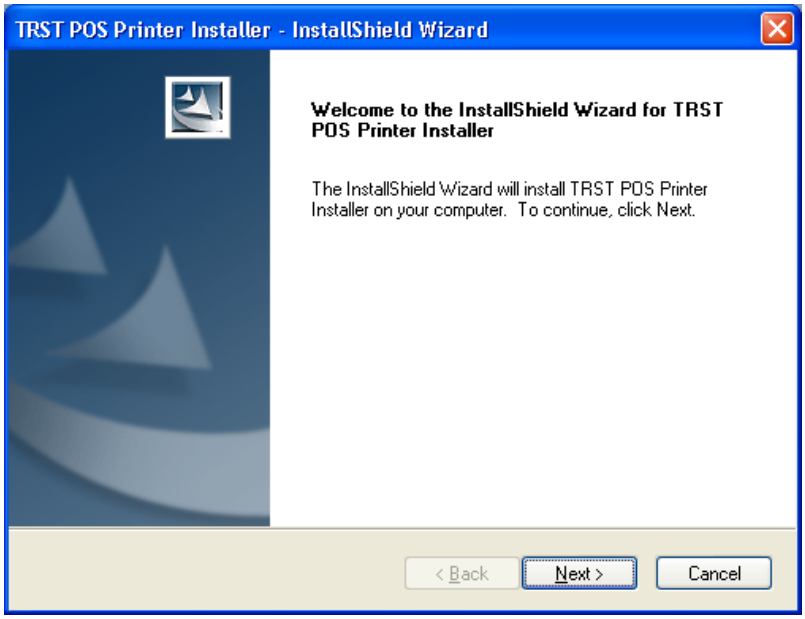
2.1 Starting the installer

Execute “OPOS_Drawer_Installer_X86.exe” file for 32-bit Operating System and “OPOS_Drawer_Installer_X64.exe” file for 64-bit

1. The description about the installer will be displayed in a few seconds after startup

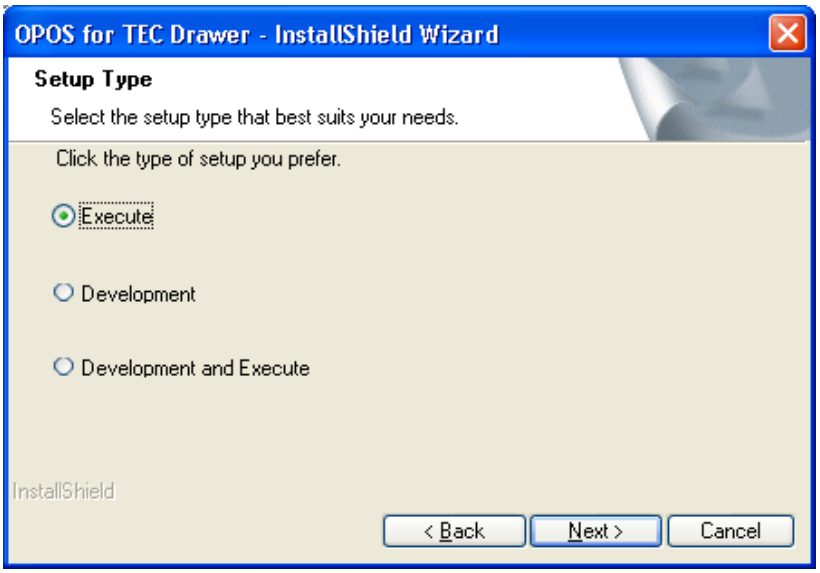


2. Press “Next” button to proceed.



2.2 Installation environment selection

i) Installation will continue to “Setup Type” screen.
ii) Select the setup type and press “Next”.



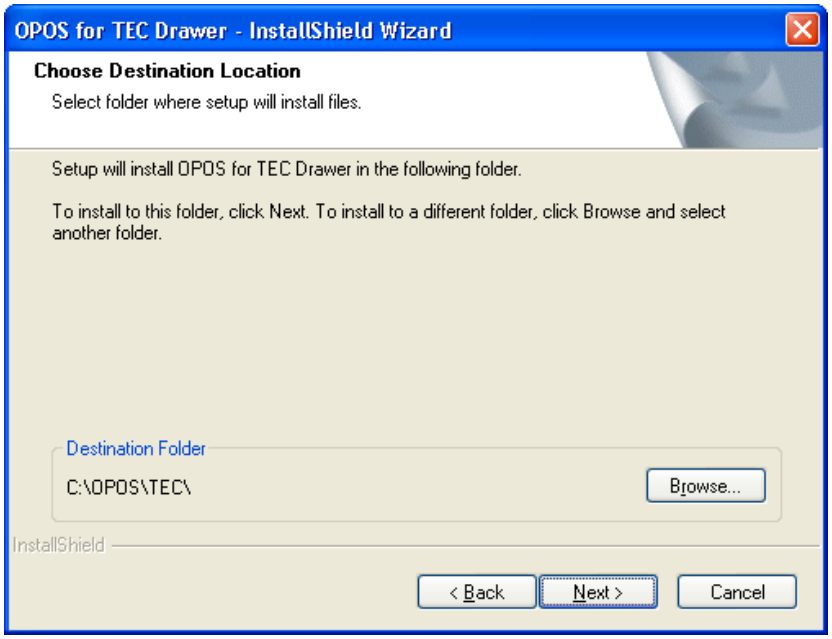
Execute
- Device Control Object
- Service Object
- TEC Control panel
- Test program

Development
- Device Control Object
- Header file
- TEC Control Panel
- Test program

Development and Execute
- Device Control Object
- Service Object
- TEC Control panel
- Test program
- Header file

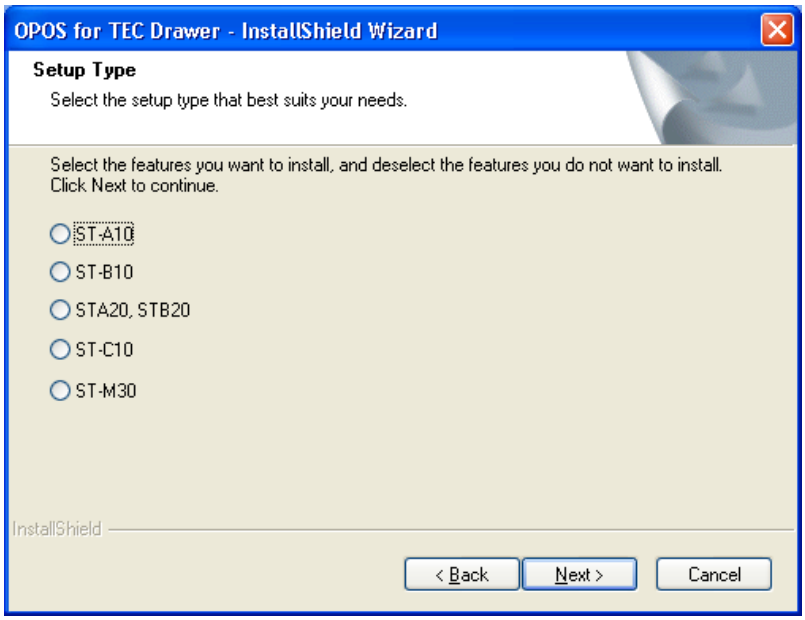
2.3 Installation Path selection

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



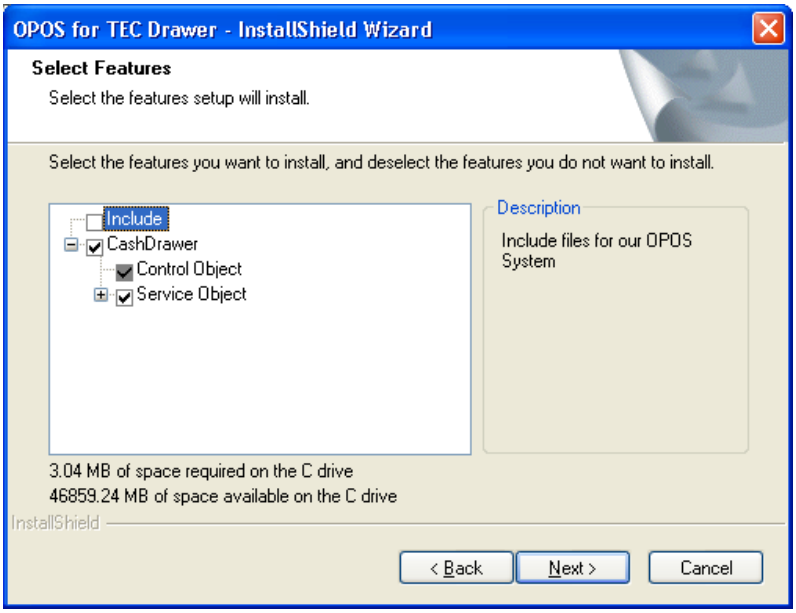
2.4 POS model selection

Select POS model you want to install. (only for OPOS_Drawer_Installer_X86.exe)

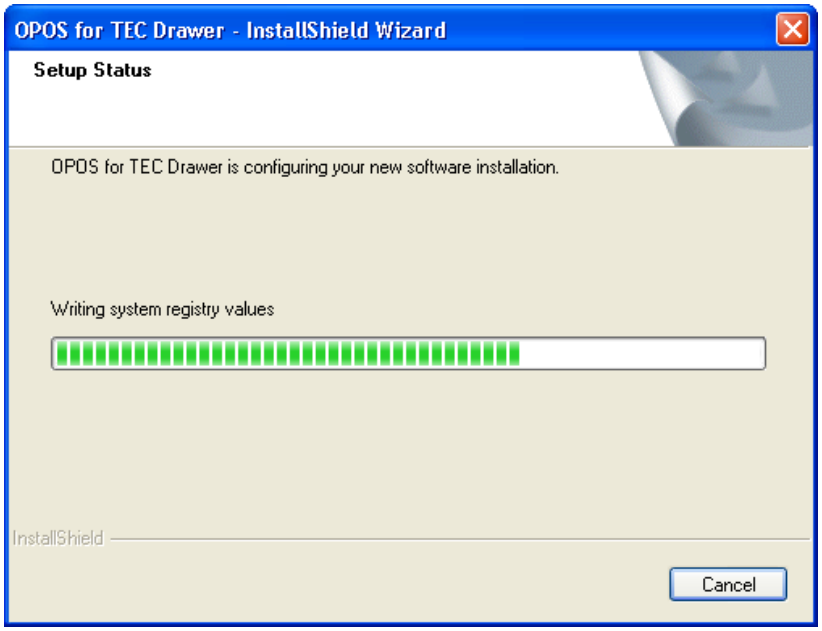


2.5 Control selection

In the following screen, select the OPOS Control to be installed. By default, all control is selected. Press “Next” button to start the installation.

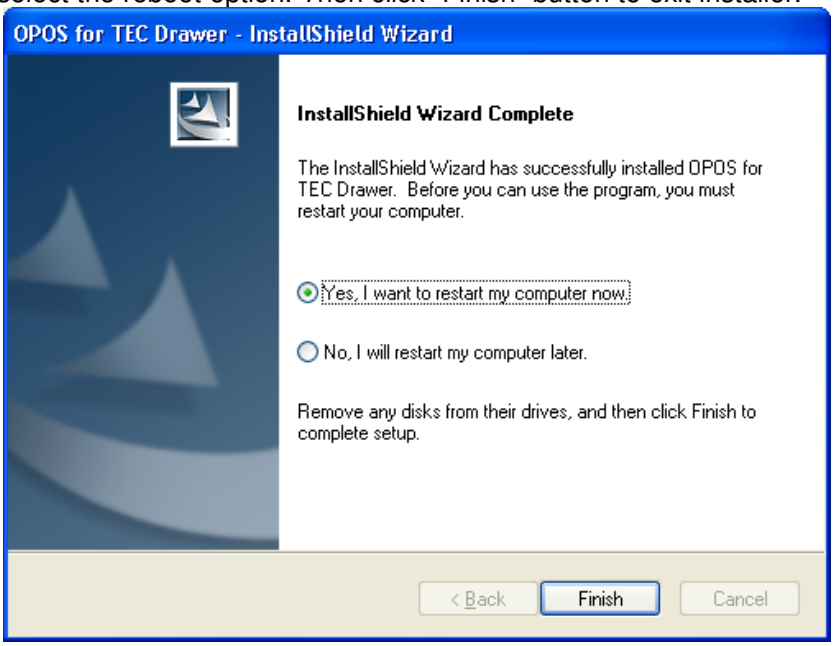


2.6 Installation section

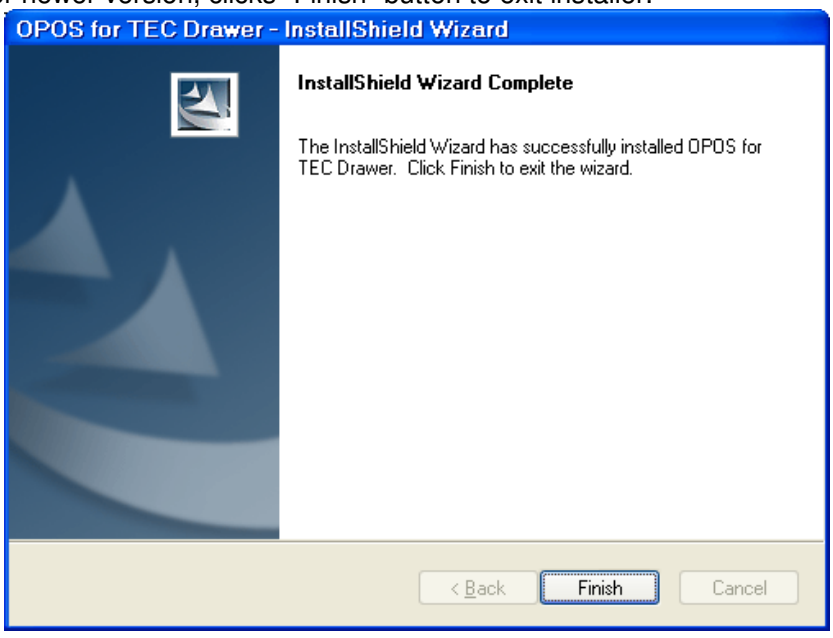


2.7 Finishing Installation

For V001.000, select the reboot option. Then click “Finish” button to exit installer.



The reboot option is removed starting V001.001.
For V001.001 or newer version, clicks “Finish” button to exit installer.



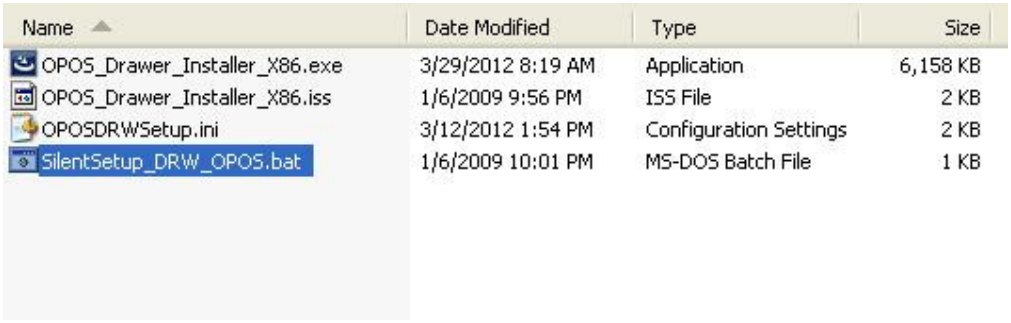
3. Silent Installation

3.1 Silent Install with Default settings

This is the installation using default setting file “OPOSDRWSetup.ini”. In this case, all of the components will be installed. Default POS model is ST-M30.

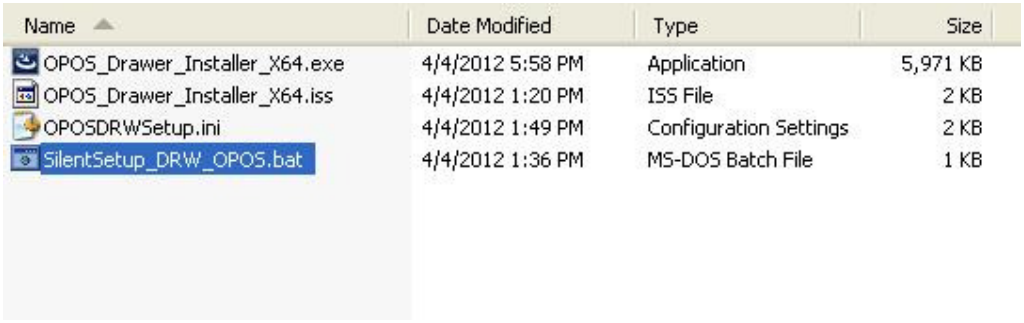
3.1.1 Starting the Silent Installation

For 32-bit Operating System (X86 folder)



Run the “SilentSetup_DRW_OPOS.bat” in the Kit.

For 64-bit Operating System (X64 folder)



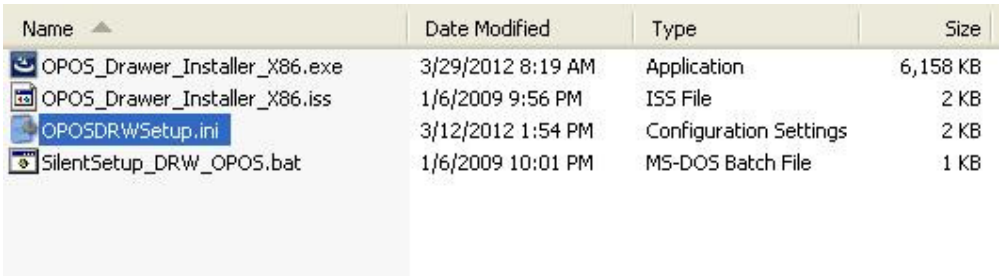
Run the “SilentSetup_DRW_OPOS.bat” in the Kit.

3.2 Silent Install with change settings

This is the installation using customized setting file “OPOSDRWSetup.ini”. In this case, you need to edit the setting file.

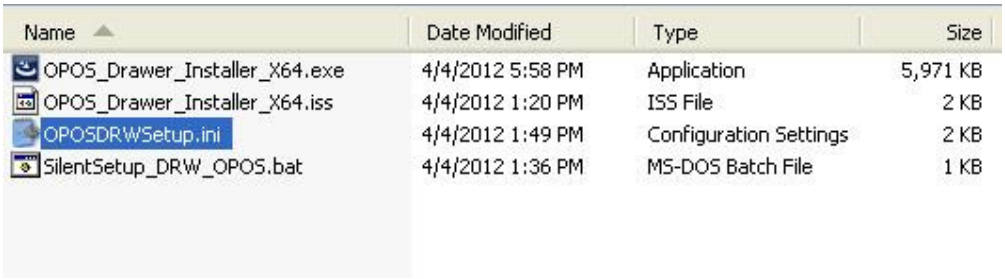
3.2.1 Open the setting file OPOSDRWSetup.ini with text editor

For 32-Operating System (X86 folder)



Name	Date Modified	Type	Size
OPOS_Drawer_Installer_X86.exe	3/29/2012 8:19 AM	Application	6,158 KB
OPOS_Drawer_Installer_X86.iss	1/6/2009 9:56 PM	ISS File	2 KB
OPOSDRWSetup.ini	3/12/2012 1:54 PM	Configuration Settings	2 KB
SilentSetup_DRW_OPOS.bat	1/6/2009 10:01 PM	MS-DOS Batch File	1 KB

For 64-bit Operating System (x64 folder)



Name	Date Modified	Type	Size
OPOS_Drawer_Installer_X64.exe	4/4/2012 5:58 PM	Application	5,971 KB
OPOS_Drawer_Installer_X64.iss	4/4/2012 1:20 PM	ISS File	2 KB
OPOSDRWSetup.ini	4/4/2012 1:49 PM	Configuration Settings	2 KB
SilentSetup_DRW_OPOS.bat	4/4/2012 1:36 PM	MS-DOS Batch File	1 KB

3.2.2 Edit OPOSDRWSetup.ini (Self-explanatory setting file)

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

;-----------------------------------------------------
;Please select Drivers you want to install.
;
;  (Param)      (Mean)
;         301:   Execute
;         302:   Development
;         303:   Development and Execute
;
;-----------------------------------------------------
[SetupType]
Type=303
```

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

;-------------------------------------------------------
;Please select development you want to install.
;
;  (Param)      (Mean)
;         1:        install the Develop Environment
;         0:        do not install the Develop Environment
;
;-------------------------------------------------------
[Develop Environment]
Drawer=1

;-------------------------------------------------------
;Please select feature you want to install.
;
;  (Param)      (Mean)
;         1:        install the feature ( include related OCX and driver automatically, depend on feature)
;         0:        do not install the driver
;
;-------------------------------------------------------
[Execute Environment]
DRWSO=1
DRWEX=1
```

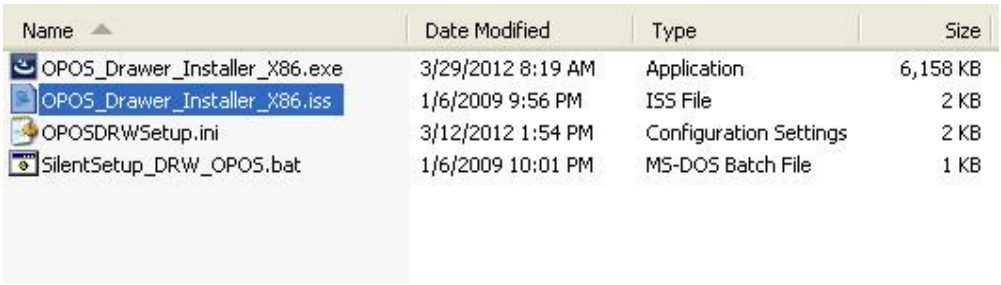
3.2.3 Individual Setting

For 32-bit Operating System, Model Settings

```
;-------------------------------------------------------
;Please select POS model you are going to install
;
;   (Param)      (Mean)
;         1              ST-A10
;         2              ST-B10
;         3              ST-A20, ST-B20
;         4              ST-C10
;         5              ST-M30
;
; *NOTE: All the machine have device driver except ST-M30
;-------------------------------------------------------
[POS Model]
Type=5
```

For 32-bit Operating System (V001.000 installer), Reboot Settings

Use text editor to edit the file “OPOS_Drawer_Installer_X86.iss“ and select the reboot option (X86 folder).




```
BootOption=3
```

Select reboot option

3: reboot
0: do not reboot

For 64-bit operating system or 32-bit operating system with installer version V001.001 or newer, reboot is not required.

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. Default configured value for the OPOS Control

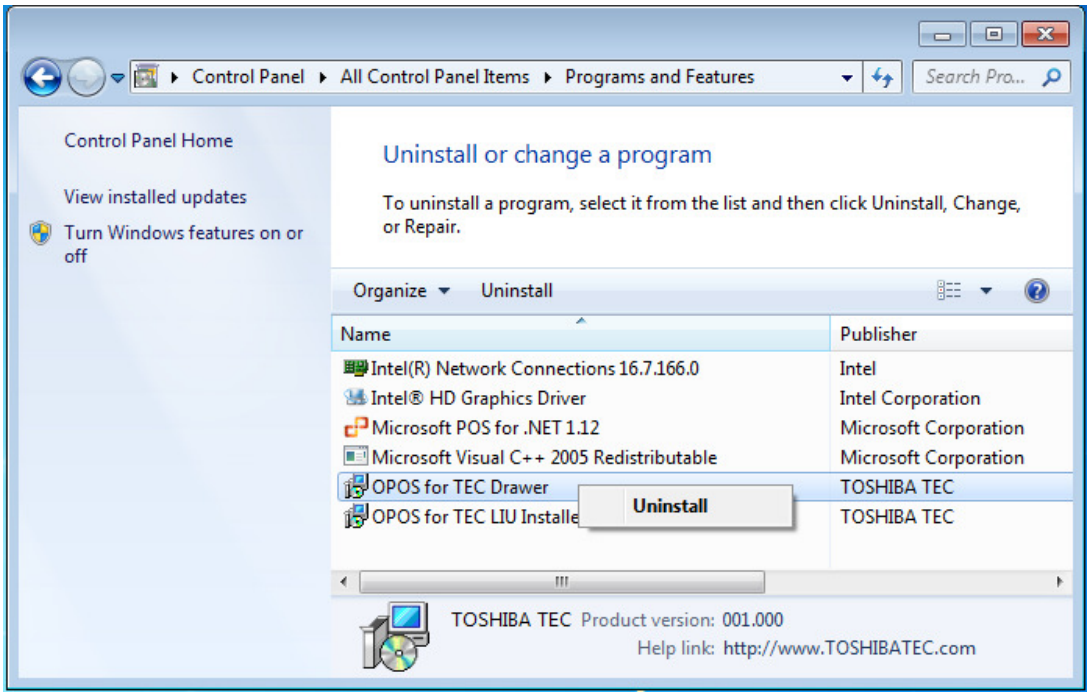
When OPOS Driver and OPOS Control are installed, the default communication port value are:

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5. Uninstallation

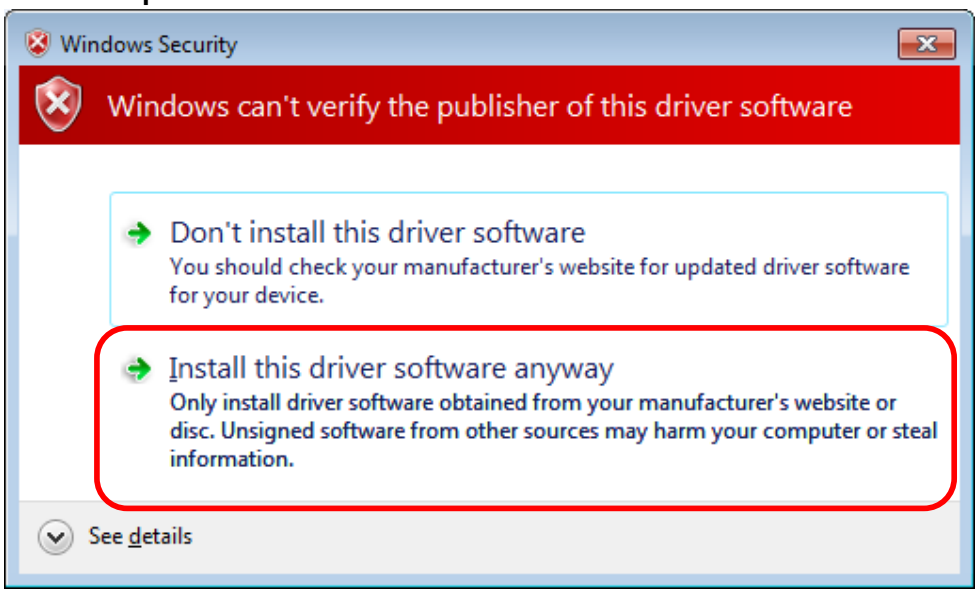
5.1 Starting the uninstallation

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.



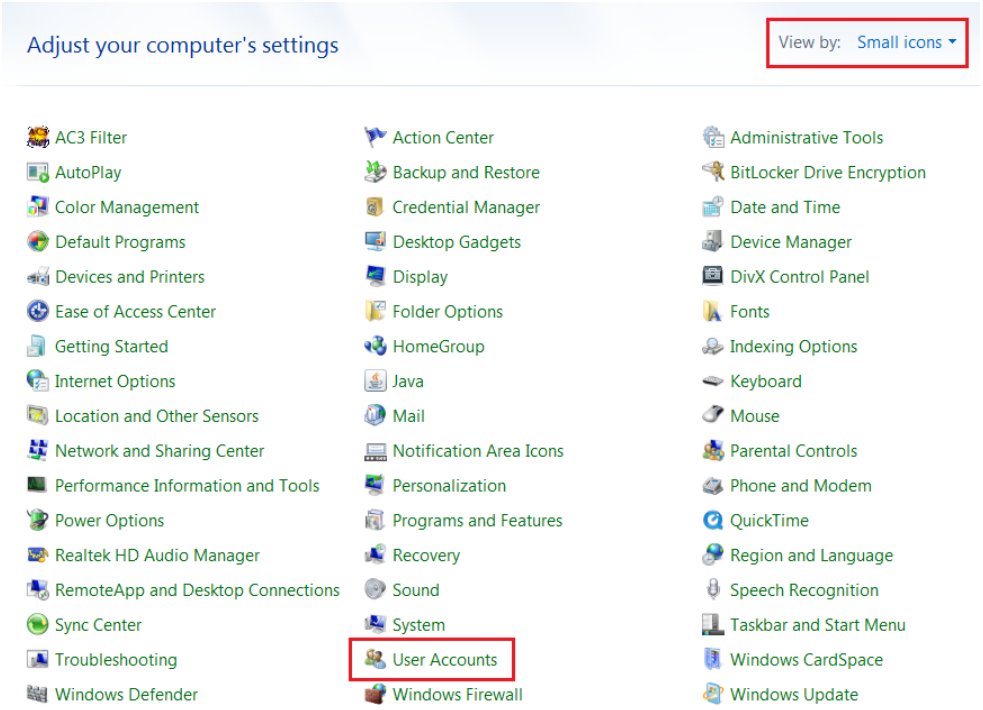
6. Restrictions

NOTE1: On Windows 7 (32-bit) and POSReady 7 (32-bit), in order to complete the silent install, user needs to manually accept the Unsigned Driver Installation Dialog Prompt

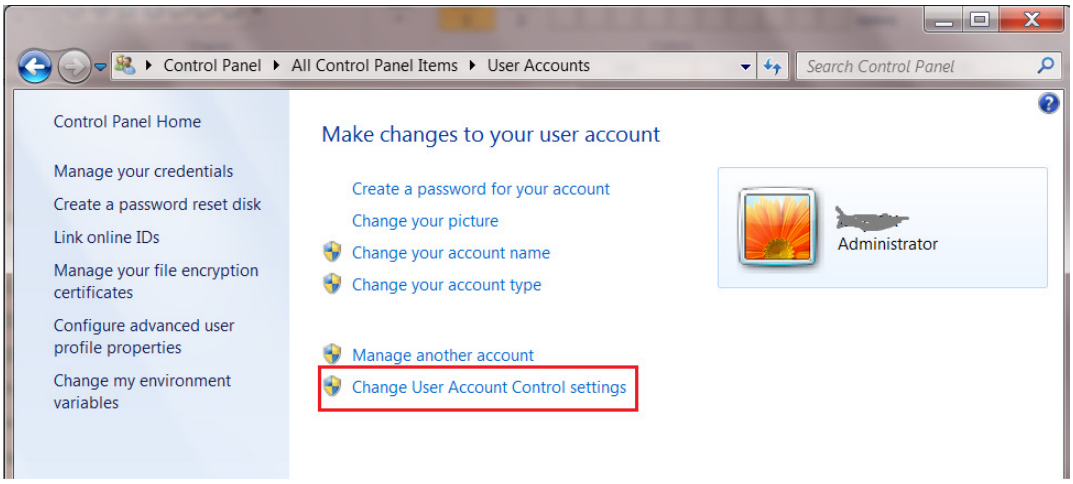


NOTE2: On newer version of windows (windows 7, POSReady 7), it is required to turn off the User Account Control in order to complete the installation.

1. Go to Control Panel, select View by: Small icons to display all features, then click User Accounts.



2. Click Change User Account Control Settings.



3. Move the slider to 'Never notify' position. Click 'OK'. A system reboot is required in order to make the UAC changes taking effect.

