

ST-B10 OPOS Control Installer Procedure Manual

TOSHIBA TEC CORPORATION

First Edition:	February 5, 2010
Second Edition:	March 12, 2010

This specification is an object that explains about a procedure to install TEC OPOS Control.

TEC OPOS Control installs the following controls.

Keylock

PKBST-50 PS/2 Keylock Control
PKBST-52 USB Keylock Control
KIT-STA10-BTNK Electric Keylock Control

Magnetic Stripe Reader

MCRST PS/2 MSR Control
MCRST USB MSR Control
MCRST-A10 MSR Control

Line Display

LIUST51 Line Display Control
LIUWD-111 Line Display Control

Drawer

DRWST Cash Drawer Control
DRWA1S Cash Drawer Control
DRWA1U Cash Drawer Control
DRWA1L Cash Drawer Control

POS Printer

TRSTA1S POS Printer Control
TRSTA1U POS Printer Control
TRSTA1L POS Printer Control

Some TEC OPOS control requires the driver separately provided.

Drivers are provided as "OPOS Driver" which must be installed before OPOS control installation.

When OPOS driver is not installed, some OPOS controls do not function properly.

See "ST-B10 OPOS Driver installer procedure manual" for OPOS driver installation.

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.

*Microsoft, Windows, Windows XP and WEPOS are trademark of Microsoft Corporation in the U.S. and other countries.

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

1. Overview	4
1.1 TEC OPOS Control Components	4
1.2 Device Driver	4
1.3 Installation Sequence	4
2. Installation	5
2.1 Starting the installer	5
2.2 Installation environment selection	6
2.3 Control selection	7
2.4 Install section	9
2.5 Exiting from the installer	9
2.6 Default configured value for the OPOS Control	10
2.7 Connection ports	10
3. Uninstallation	11
3.1 Starting the uninstaller	11

1. Overview

1.1 TEC OPOS Control Components

These 2 components are required for TEC OPOS Control Kits, in main:

- OPOS Control
- Device Driver

One is the OPOS Control standardized at the OPOS, and the other is the Device Driver.

The Device Driver is provided to access the unique hardware for TEC OPOS Terminals. Some Controls require the Device Driver and need to install it before installing the Controls.

1.2 Device Driver

These 6 Controls require the Device Driver. When using them, the Driver should be pre-installed.

- PKBST-50 PS/2 Keylock (Refer to "DRVInst.pdf" contained in this Kit)
- PKBST-52 USB Keylock (Refer to "DRVInst.pdf" contained in this Kit)
- MCRST PS/2 MSR (Refer to "DRVInst.pdf" contained in this Kit)
- MCRST USB MSR (Refer to "DRVInst.pdf" contained in this Kit)
- DRWST Cash Draw (Refer to "DRVInst.pdf" contained in this Kit)
- TEC USB Devices

1.3 Installation Sequence

The OPOS Control Kits provide the disks for the "OPOS Control".

Follow this sequence to install.

- i) Install the OPOS Control

The OPOS Control install Microsoft's DLL in Foundation Class and her run-time library.(They will not be installed if the machines have something updated to check the version.)

2. Installation

2.1 Starting the installer

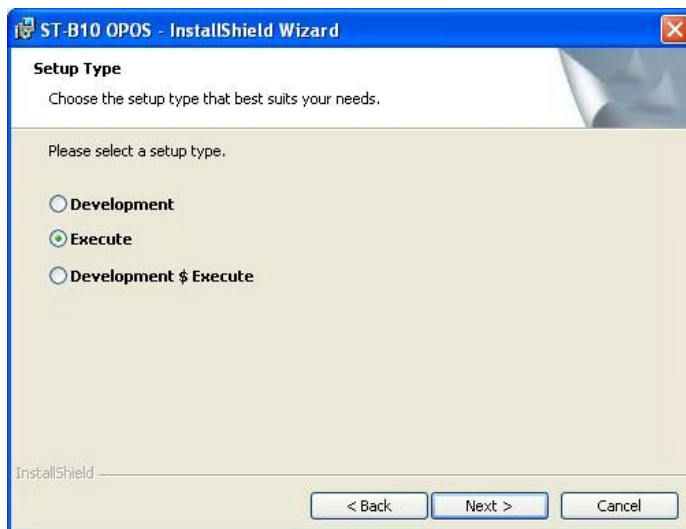
Execute “ST-B10_OPOS_Installer_Vxxx.xxx.exe” file from “OPOS” folder.

1. The description about the installer will be displayed after the startup of the installer.
2. Press “Next” button to proceed.



2.2 Installation environment selection

- i) The screen to select installation environment will be displayed.
- ii) Select the environment to be installed and press "Next".



When execution environment is selected, files required for only execution will be installed.

When development environment is selected, files required for only development will be installed.

Development

- Control Object of Device as select
- Header file

Execute

- Control Object and Service Object as select
- Control panel
- Test program

Development and Execute

- Control Object and Service Object as select
- Control panel
- Test program
- Header file

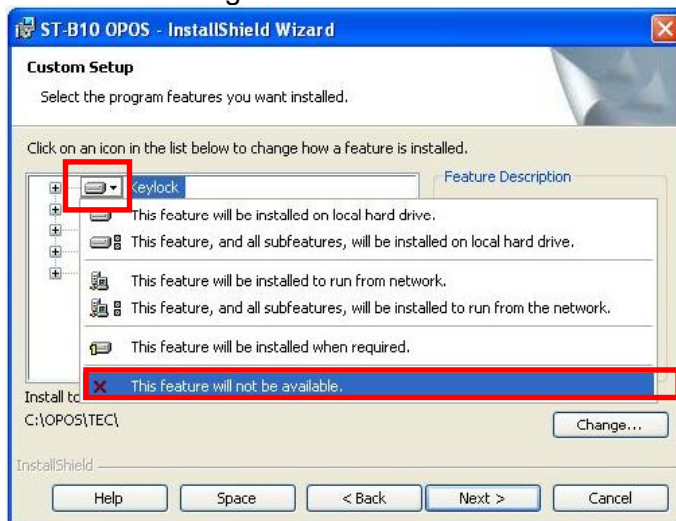
2.3 Control selection

1. The screen to select the control to be installed will be displayed.
2. Select the control to be installed.

In default setting, all controls will be installed. If there are device you need not install, cancel select.

CASE 1: Cancel all controls in a device.

Click the following icon and select “This feature will no be available”.



Then the following screen will be displayed.

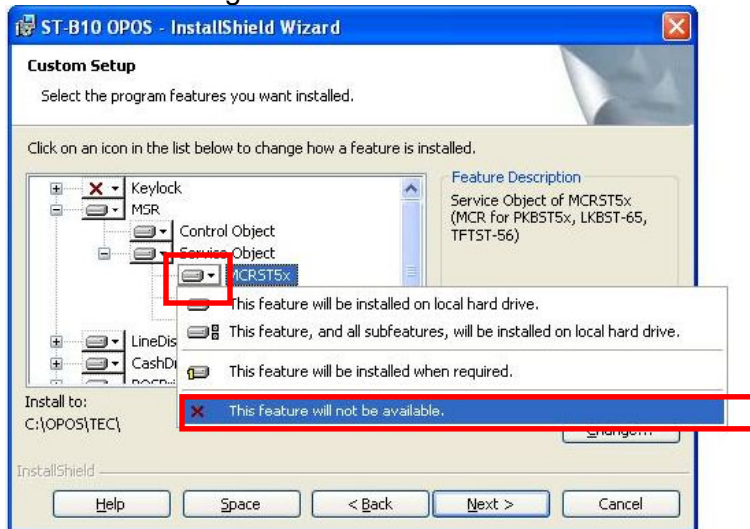


If you want to select a device, click the icon and select “This feature will be install on local hard drive”.

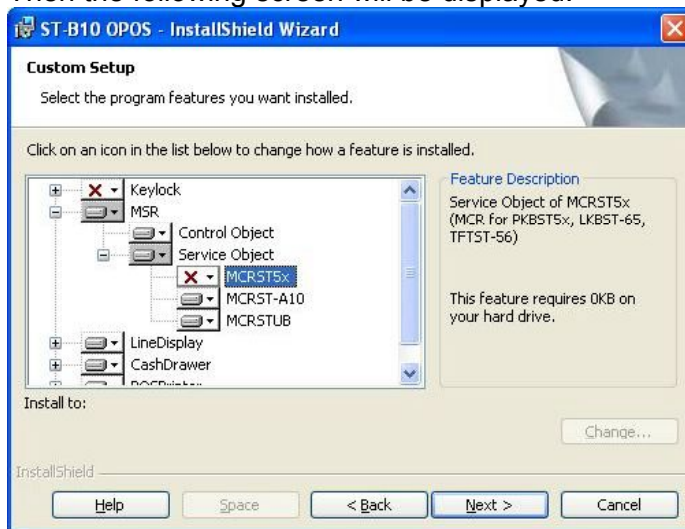
CASE 2: Cancel a particular control.

Expand tree and click particular control's icon then select "This feature will no be available".

Click the following icon and select "This feature will no be available".



Then the following screen will be displayed.

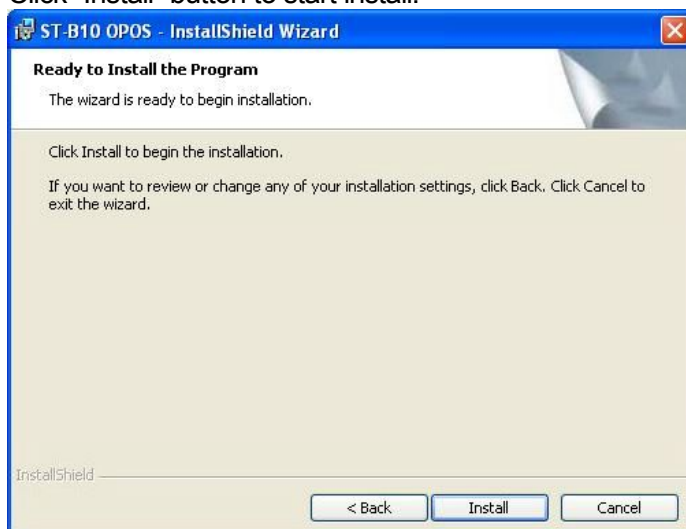


If you want to select a device, click the icon and select "This feature will be install on local hard drive".

3. Press "Browse" button to change the installation target and specify the directory in the directory selection screen.
4. Press "Next" after selecting the control and installation target to start installation.

2.4 Install section

Click “Install” button to start install.



2.5 Exiting from the installer

Click “Finish” button to exit installer.



2.6 Default configured value for the OPOS Control

When the OPOS Driver and the OPOS Control are installed, the default values for ports will be configured as follows:

Device Class	ST-B10
DRWST Cash Drawer	DRW1
DRWA1S Cash Drawer	COM1
DRWA1U Cash Drawer	TRST-A1x-QM
DRWA1L Cash Drawer	-
PKBST-50 Keylock	-
PKBST-52 Keylock	-
KIT BTN K	USB
MCRST PS/2 MSR	-
MCRST USB MSR	-
MCRRMS MSR	COM5
TRST-A1x S POS Printer	COM1
TRST-A1x U POS Printer	TRST-A1x-QM
TRST-A1x L POS Printer	-
WD-111 Line Display	COM4
LIUST51 Line Display	COM4

2.7 Connection ports

The serial ports on TEC POS Terminal have two kinds of ports; some ports supply the power, but others not.

The device with a built-in power supply should be connected to the port which supplies the power.

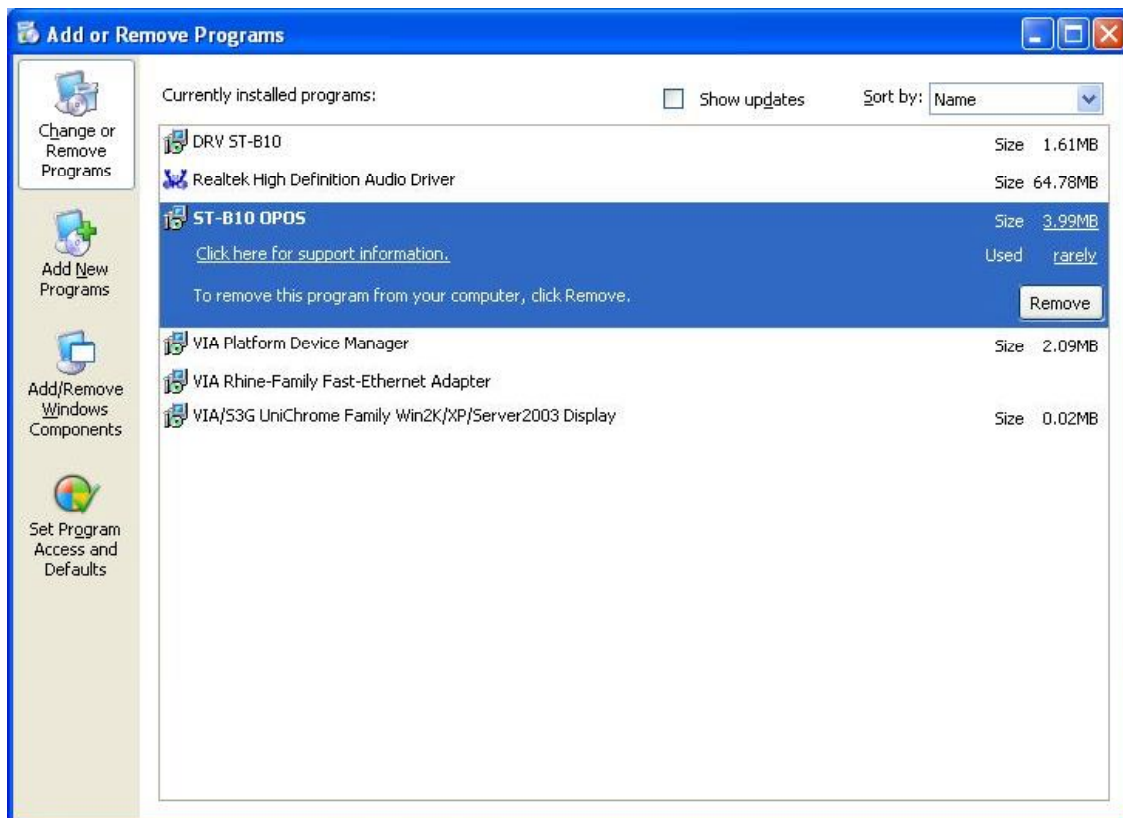
If the device is connected to the port which supplies the power, connect it with the power off.

Connection Port	ST-B10
COM1	w/o power supply
COM2	w/o power supply
COM3	w/ power supply
COM4	w/ power supply

3. Uninstallation

3.1 Starting the uninstaller

1. Open "Control Panel".
2. Open "Add or Remove Programs" from the control panel.
3. Select "OPOS ST-B10 " and press "Remove" button.



4. Click "Yes" button to start uninstall

