

## **ST-B10 Windows Driver Kit Release notes**

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## **Supplies**

The ST-B10 Windows Driver Kit supplies the following items:

- ◆ ST-B10 POS Driver Kit

## **Chipset,Graphic,Network , Audio Drivers**

The followings are the Chipset, Graphic, Network and Audio drivers that support the VIA.

- ◆ VIA HyperionPro Ver.5.24a
- ◆ VIA/S3G UniChrome Pro IGP Ver.6.14.10.426
- ◆ VIA Rhine II Fast Ethernet Adapter Ver.3.83
- ◆ Realtek High Definition Audio Ver.5.10.0.5953

## **Drivers of devices connected to TFTST-B20**

The following is the Touch Panel driver that support the Elo.

- ◆ Elo Serial Touchmonitor Interface V4.8.7b

## ST-B10 POS Drivers Kit

The followings are the POS drivers for ST-B10.

- ◆ OPOS Control Kit for ST-B10 (for Windows WEPOS/POSReady 2009/XP)  
TEC OPOS Control for ST-B10 V001.000

<i>Device</i>	<i>OPOS Device Name</i>	<i>Document</i>
PKBST-5x Keylock	PKBST	TecOpos.pdf -> Section 6.1
PKBST-52 Keylock	PKBSTUB	USB PKBST Keylock APG Appen.pdf USB PKBST Keylock APG.pdf
KITST-A10-BTNK Electronic Keylock	STA10EKEY	ST-A10 KeylockAPG.pdf
LIUST-51 LineDisplay	LIUST51	TecOpos.pdf -> Section 5.1
LIUWD-111 LineDisplay	WD111	LineDisplay LIUWD111APG.pdf
DRWST-5x Cash Drawer	DRWST	TecOpos.pdf -> Section 4.1
MCRST-5x MSR	MCRST	TecOpos.pdf -> Section 7.1
MCRST-A10 MSR	MCR RMS	ST-A10 MSRAPG.pdf
PKBST-52 MSR	MCRSTUB	USB PKBST MSR APG.pdf USB PKBST MSR APG Appen.pdf
TRST-A1x USB POS Printer	TRSTA1U	TRSTA1xAPG6th.pdf
TRST-A1x USB Cash Drawer	DRWA1U	TRSTA1xAPG6th.pdf
TRST-A1x Serial POS Printer	TRSTA1S	TRSTA1xAPG6th.pdf
TRST-A1x Serial Cash Drawer	DRWA1S	TRSTA1xAPG6th.pdf
TRST-A1x LAN POS Printer	TRSTA1L	TRSTA1xAPG6th.pdf
TRST-A1x LAN Cash Drawer	DRWA1L	TRSTA1xAPG6th.pdf

- ◆ OPOS Driver Kit for ST-B10 (for Windows WEPOS/POSReady 2009/XP)  
TEC OPOS Driver for ST-B10 V001.000

<i>Device</i>	<i>Document</i>
CashDrawer Driver	-
Sensor Driver	Sensor Library External Spec.pdf
PS/2 Keyboard modules	-
USB Keyboard modules	-
Watchdog Timer Driver	Windows WDT Spec.pdf
WD-111 LineDisplay Library	WD-111 LineDisplay Library Spec.pdf

- ◆ TEC USB Driver (for Windows XP/WEPOS/POSReady 2009)
- ◆ Set Keyboard Application V2.0.0.0

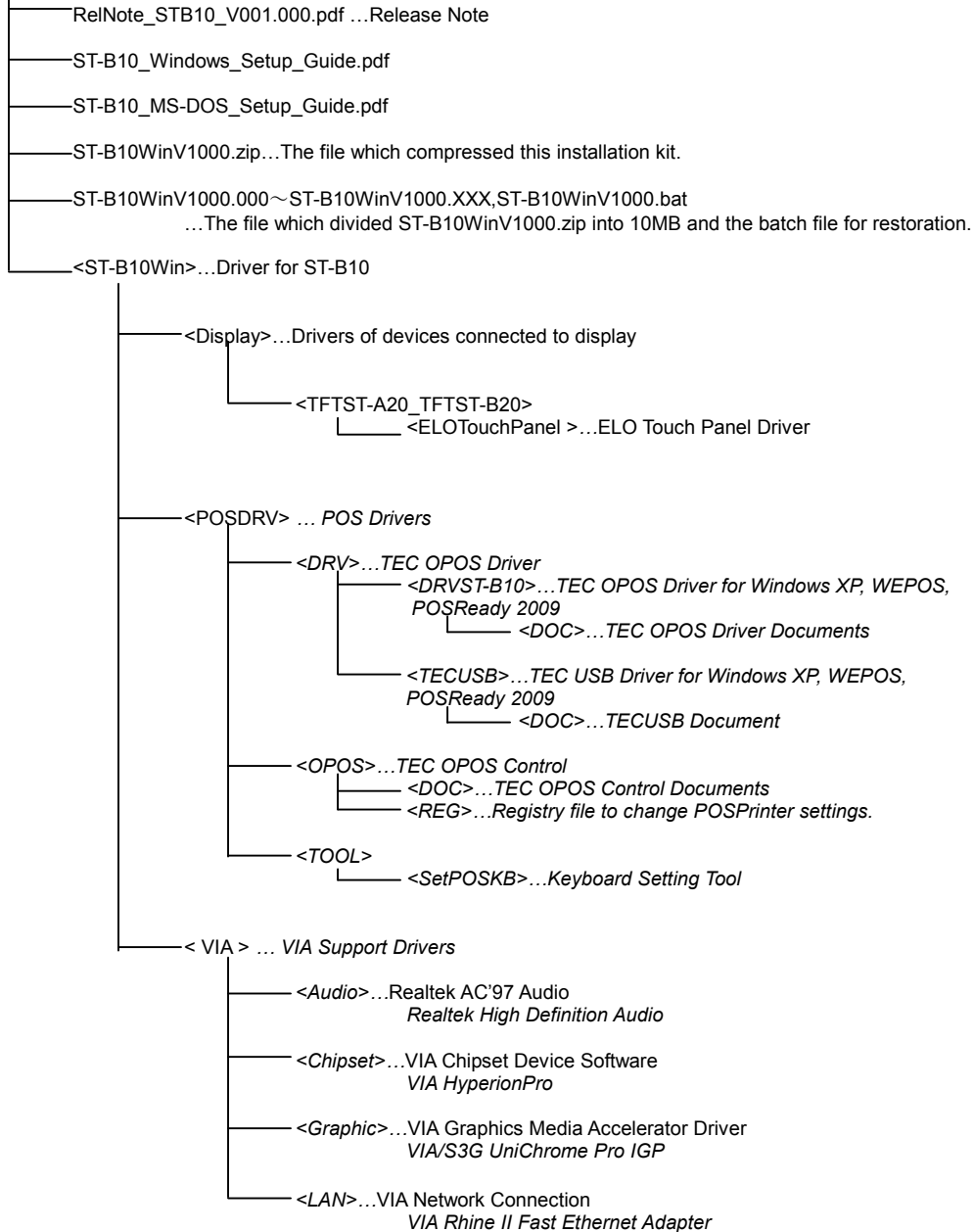
## **Change history**

V001.000      New Release

## Folder Configuration

The Folder Configuration is as follows:

<ROOT>



## Module List

### OPOS Control

Filename	Version	Date	Time	
Oposdisp.ocx	1.0.0.3	2000/12/19	19:00:46	LineDisplay OPOS CO
Liust51.dll	1.2.0.14	2004/10/07	16:59:40	LIUST-51 LineDisplay OPOS SO
LIUWD111.dll	1.2.0.15	2009/12/08	09:36:11	WD-111 LineDisplay OPOS SO
KEYLOCK.ocx	1.11.0.1	2008/06/16	10:11:20	Keylock OPOS CO
eKeyOPOS.dll	1.11.0.2	2009/10/06	19:46:58	iButton OPOS SO
Pkbst.dll	1.0.0.2	2000/12/19	18:59:38	PKBST OPOS SO
KEYLCKUB.dll	1.9.0.0	2006/10/10	15:57:34	PKBST-52 Keylock OPOS SO
MSR.ocx	1.8.0.0	2007/02/07	18:32:40	MCR OPOS CO
MCR RMS.dll	1.8.0.2	2008/08/21	14:17:24	ST-A10 MSR OPOS SO
St55msr.dll	1.0.0.3	2010/01/27	00:08:08	MCRST-5x MSR OPOS SO
USBMSR.dll	1.8.0.4	2008/10/14	10:27:10	PKBST-52 MSR OPOS SO
Oposdrw.ocx	1.8.0.0	2009/04/02	13:56:02	CashDrawer OPOS CO
DRWSO.dll	1.2.0.7	2007/11/30	16:49:38	DRST-5x OPOS SO
DRWA1U.dll	1.8.0.1	2009/10/20	22:46:53	DRWA1U -5x OPOS SO
DRWA1S.dll	1.8.0.2	2010/01/21	20:52:19	DRWA1S -5x OPOS SO
DRWA1L.dll	1.8.0.1	2009/10/24	15:21:15	DRWA1L -5x OPOS SO
OPOSPrinter.ocx	1.8.0.1	2009/04/03	10:43:40	POSPrinter OPOS CO
TRSTA1U.dll	1.8.0.35	2010/01/19	22:47:22	TRST-A1x USB POSPrinter OPOS SO
TRSTA1S.dll	1.8.0.35	2010/01/20	14:31:23	TRST-A1x Serial POSPrinter OPOS SO
TRSTA1L.dll	1.8.0.35	2010/01/20	12:36:54	TRST-A1x Serial POSPrinter OPOS SO
oposchk.exe	1.0.0.6	2009/10/20	20:10:44	Toshiba TEC OPOS Check Health Application
SetBitmapTool.exe	1.0.0.1	2009/10/16	19:46:45	Bitmap Registration to Flash ROM
oposevmg.dll	1.2.0.4	2003/06/10	10:23:58	OPOS Event Manager Library
logMgr.dll	1.0.1.4	2007/03/31	14:26:06	Toshiba TEC LOG Manager Library
oposhook.dll	1.0.0.1	2004/09/17	23:28:00	OPOS Library
raslibc.dll	1.2.0.4	2004/08/06	13:05:24	RAS Library
MSCOMCTL.ocx	6.1.95.45	2002/12/20	14:02:44	Windows Common Controls ActiveX Control DLL
comdlg32.ocx	6.0.84.18	2000/05/22	16:58:00	Microsoft CDialog ActiveX Control DLL
tecpos.cpl	2.0.0.25	2010/02/23	18:41:54	TEC Control Panel
TECUSB.dll	1.0.0.5	2008/07/24	21:17:14	Toshiba TEC USB Library
TECShareUSB.dll	1.0.0.2	2009/10/26	22:45:03	USB port share library
TECUSBMgr.exe	1.0.0.3	2010/01/12	16:21:31	USB port share driver
TECShareSerial.dll	1.0.0.2	2009/10/26	20:39:54	Serial port share library
TECSerialMgr.exe	1.0.0.2	2009/10/26	22:42:16	Serial port share driver
TECShareLAN.dll	1.0.0.2	2009/10/26	22:35:46	LAN share library
TECLANMgr.exe	1.0.0.3	2010/01/07	09:39:29	LAN share driver

## OPOS Driver (for Windows XP, WEPOS, POSReady 2009)

Filename	Version	Date	Time	
DRW.INF	-	2009/08/06	15:24:05	CashDrawer Driver Setup INF file
DRVDRW.sys	001.126	2009/11/10	15:52:04	CashDrawer Driver
sensor.inf	-	2008/10/03	17:40:36	Sensor Driver Setup INF file
DRVSENSOR.sys	001.002	2009/10/26	10:17:02	Sensor Driver
SENSOR.dll	1.0.0.0	2008/11/27	22:04:18	Sensor Driver Library
SENSOR.lib	-	2008/11/27	22:04:18	Sensor Driver lib file
SENSOR.h	-	2008/11/10	16:26:58	Sensor Driver header file
StrSensor.h	-	2008/09/18	10:01:50	Sensor Driver header file
install.exe	-	2001/05/22	15:05:12	Driver's Installer
KBFInst.exe	5.1.2600.1106	2007/07/12	22:39:34	PS/2 Keyboard Filter Driver's Installer
KBFInst.inf	-	2007/07/12	21:20:12	PS/2 Keyboard Filter Driver Setup INF file
kbfilter.sys	5.0.1636.1	2009/01/14	11:33:26	PS/2 Keyboard Filter Driver
KeyMonHk.dll	2.0.0.2	2003/09/01	17:17:10	PS/2 Keyboard Hook Library
Posesc32.dll	2.0.0.4	2010/01/29	13:19:31	PS/2 Keyboard Library
mkmgr.exe	1.0.0.0	2007/04/02	14:05:20	PS/2 Msr & Keylock Control Program
MSCOMCTL.OCX	6.1.95.45	2002/12/20	14:02:44	Runtime Library
Posesc32.dll	1.0.0.6	2009/10/06	13:52:09	USB Keyboard Library
USBKBMGR.dll	1.0.0.8	2009/05/18	08:20:41	USB Msr & Keylock Control Program
WD111.dll	-	2009/07/27	17:34:16	WD-111 LineDisplay Library
liuwd111.h	-	2009/07/22	16:02:22	WD-111 LineDisplay Library header file
WD111.lib	-	2009/07/27	17:34:16	WD-111 LineDisplay Library lib file
zzwdt.sys	001.005	2009/10/28	09:01:39	Watchdog Timer Driver

## USB driver

Filename	Version	Date	Time	
Tecusbd.sys	1.0.0.7	2004/11/25	20:45:00	Toshiba TEC general-purpose USB driver
TecUSBDEx.INF	-	2009/09/02	14:57:28	USB driver Setup INF file

## **Cautions**

**NOTE:** For restoring the divided file, save the following file in the same place of HDD.

ex) When a version is V001.000

ST-B10V1000.000

ST-B10V1000.001

ST-B10V1000.002

ST-B10V1000.003

ST-B10V1000.004

ST-B10V1000.005

ST-B10V1000.006

ST-B10V1000.007

ST-B10V1000.008

ST-B10V1000.bat

Execution of "ST-B10V1000.bat" restores "ST-B10V1000.zip" to the same place as "ST-B10V1000.bat".

**NOTE:** There are two kinds of files named "POSESC32.dll". One file is for USB interface, and another file is for PS/2 interface. Because of it, you can't use PS/2 POSKeyboard and USB POSKeyboard at the same time. When you distinguish the file, refer to the property of the file.

**NOTE:** In the case entering into suspend mode with using regular watch function of Watchdog Timer Driver, occasionally, ST-B10 falls into the status that it can't return to active mode from suspend mode. In that case, the "!" LED light which is under the CPU LED light on the front of ST-B10 turns on light.

If ST-B10 falls into that status, press power button for few seconds to force a shutdown. After shutdown, it can start correctly by pressing a power button.