

ST-C10 JavaPOS Driver Kit Release notes

Table of Contents

Overview	2
Supported	2
Supplies	3
Change history	5
Folder Configuration	7
Module List	8
Cautions	12

Overview

We provide “Device Health Check Program” to test JavaPOS Device Services other than JavaPOS Device Services.

Refer to a “JavaPOS Kit Operation Manual.pdf” for the details such as the usage.

Supported

Operating Systems

- ◆ Windows XP Professional SP3
- ◆ WEPOS1.1
- ◆ POSReady2009
- ◆ Windows 7 Professional SP1
- ◆ SuSE Linux Enterprise Desktop 11(SLED11) SP1

JavaVM

- ◆ Java2 SDK, Standard Edition Version 1.4.2

Devices

[Keylock]

- PKBST-52 Keylock
- MCRST-C10-7K-QM-R (EKey-HB10)

[CashDrawer]

- DRWST-5x Cash Drawer
- Cash Drawer connected to TRST-Axx

[LineDisplay]

- LIUST-A10
- WD-111
- LIUST-C10BI (Standard and China Model)

[MSR]

- MCRST-A10
- PKBST-52 MSR
- MCRST-C10

[POSPrinter]

- TRST-A10-S-QM-R, TRST-A10-U-QM-R, TRST-A10-L-QM-R
- TRST-A15-S-QM-R, TRST-A15-U-QM-R
- TRST-A10-S-CN-R, TRST-A10-U-CN-R
- TRST-A15-S-CN-R, TRST-A15-U-CN-R
- TRST-A00-SC/SF-QM-R, TRST-A00-SC/SF-QM-R
- TRST-C10BI

Supplies

The ST-C10 JavaPOS Driver Kit supplies the following items:

- ◆ ST-C10 JavaPOS Driver Kit

JavaPOS Device Service

The followings are the CashDrawer, Keylock, LineDisplay, MSR and POSPrinter Device Services that are supported by TEC.

- ◆ CashDrawer Device Service V001.011.000
- ◆ Keylock Device Service V001.011.006
- ◆ LineDisplay Device Service V001.011.007
- ◆ MSR Device Service V001.011.007
- ◆ POSPrinter Device Service V001.011.009

CashDrawer Driver

The following are the CashDrawer Drivers that are supported by TEC

- ◆ CashDrawer driver
- ◆ CashDrawer JNI

Keyboard Driver

The following are the TECUSB Drivers that are supported by TEC.

- ◆ USB Keyboard Driver
- ◆ TECPKBFilter JNI
- ◆ TECPKBFilter Library

Linux compat kbd

The following are the Linux compat kbd Drivers that are supported by TEC

- ◆ Keyboard compatibility Driver

Linux Keyboard patch

The following are the Linux Keyboard patch that are supported by TEC

- ◆ Patch file of keyboard driver

TECUSB Driver

The following are the TECUSB Drivers that are supported by TEC.

- ◆ TECUSB driver
- ◆ TECUSB JNI

Hybrid MCR interface Driver

The following are the Hybrid MCR interface Drivers that is supported by TEC.

- ◆ Java Hybrid Serial Port driver

Power State Detector Driver

The following are the Power State Detector Drivers that are supported by TEC.

- ◆ Power monitor driver
- ◆ Power State Monitor JNI

TEC RXTX Parallel Library Source

The following is the RXTX Parallel port library customized by TEC.

- ◆ TEC RXTX Parallel library Source

Device Health Check Program

The following is the Device Health Check Program that is supported by TEC.

- ◆ Device Health Check Program

Sample Program

The following is the Sample Program that is supported by TEC. This is a project folder. Open with IDE.

- ◆ Sample Program

Change history

V001.000	New Release.
V001.001	<p>1. Update JavaPOS Device Service.</p> <ul style="list-style-type: none"> ◆ <u>Keylock Device Service V001.011.003 => V001.011.004</u> - S3 Mode Support ◆ <u>LineDisplay Device Service V001.011.004 => V001.011.005</u> - S3 Mode Support - Support Country Code [China] ◆ <u>MSR Device Service V001.011.004 => V001.011.005</u> - S3 Mode Support ◆ <u>POSPrinter Device Service V001.011.005 => V001.011.006</u> - S3 Mode Support <p>2. Add [Power State Detector] driver module to support S3 Mode operation.</p>
V001.002	<p>1. Update JavaPOSDriverKitOperationManual_ST-C10.pdf - Include Link Generation information for Power State Detector library</p> <p>2. Bug Fix for Drawer Driver installation batch file under Windows enviroment.</p>
V001.003	<p>1. Update JavaPOS Device Service.</p> <ul style="list-style-type: none"> ◆ <u>LineDisplay Device Service V001.011.005 => V001.011.007</u> - Battery Support - Line Display will dim the backlight brightness during DC (Battery) Mode and set back the original brightness when it is switch back AC Mode ◆ <u>POSPrinter Device Service V001.011.006 => V001.011.009</u> - Battery support - Support until COM20, and dev/ttyUSB0 - 20 - Additional log - Fix encoding issue for UNICODE data
V001.004	<p>1. Update TEC JavaPOS - LineDisplay APG.pdf for LIUST-C10</p> <ul style="list-style-type: none"> ◆ <u>Add LIUST-C10 brightness usage note.</u>

V001.005

1. Fix problem for ST-C10 hybrid module

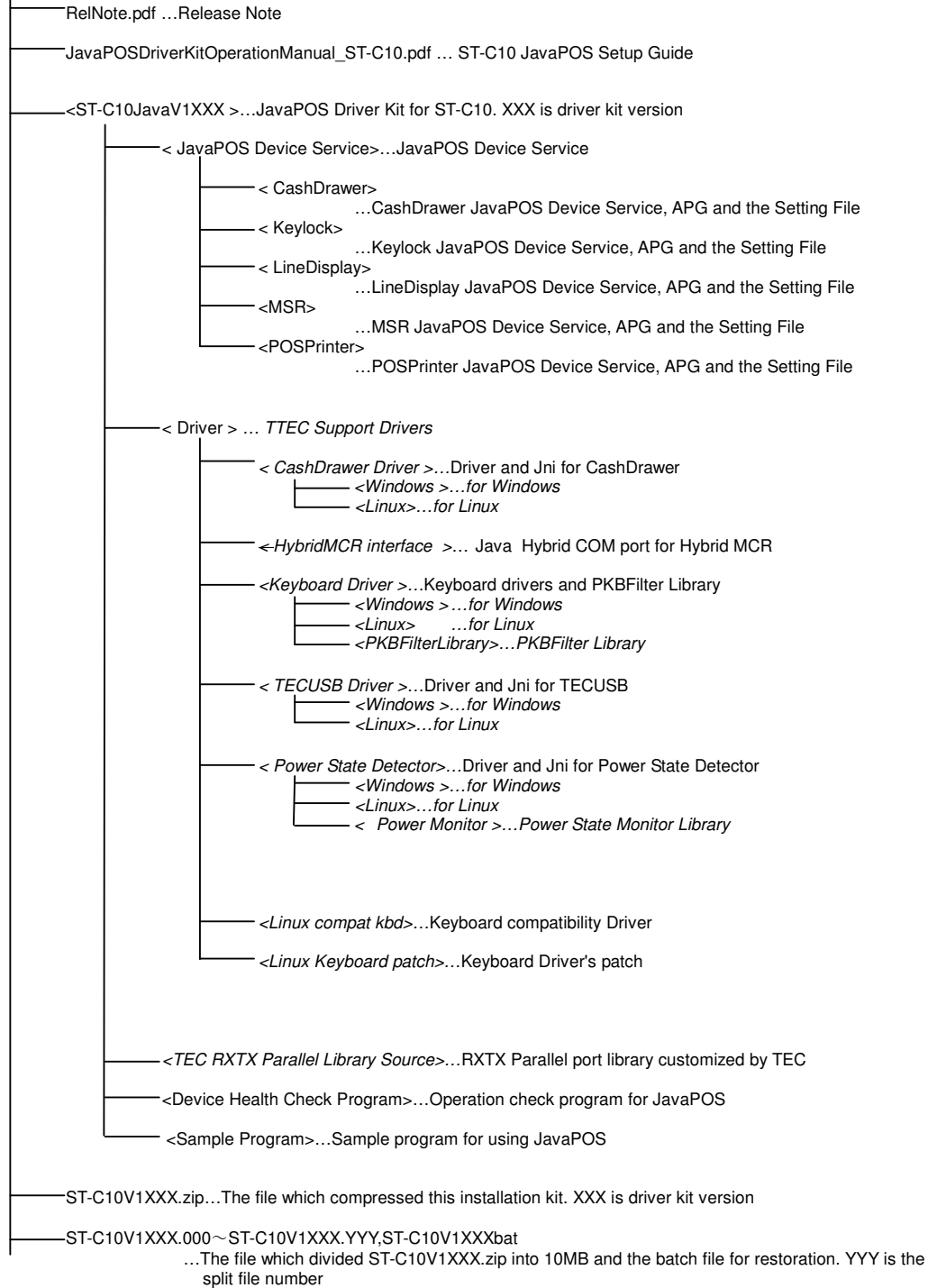
- ◆ Keylock Device Service V001.011.005 => V001.011.006
- Bug fix for hybrid Keylock data for ST-C10
- ◆ MSR Device Service V001.011.006 => V001.011.007
- Bug fix for hybrid MSR data for ST-C10
- Bug fix for hybrid MSR Error event
- Bug fix for DataEventEnabled set to false after DataEvent enqueue.
- ◆ JHBPort V001.00 => V01.01
- Bug fix to hybrid MSR and Keylock can work in hybrid mode correctly
- Make sure the read data for Keylock and MSR is correct.
- ◆ libPowerStateDetector.so.0.0 V001.00 => V01.01
- Fix occasionally crash in power state module.

March 28 2014

Folder Configuration

The Folder Configuration is as follows:

<ROOT>



Module List

JavaPOS Device Service

The followings files are the CashDrawer, iButton, LineDisplay, MSR, POSPrinter and Scanner Device Services.

Filename	Version	Date	Time	
TEC JavaPOS - CashDrawer APG.pdf	1st	2008/08/01	13:24:45	CashDrawer JavaPOS Application Programmer's Guide.
TECCashDrawer.xml	-	2009/11/26	18:12:01	CashDrawer JavaPOS setting file
TECCashDrawerService.jar	001.011.000	2008/07/18	18:43:03	CashDrawer JavaPOS Device Service
TEC JavaPOS – Keylock APG.pdf	5th	2011/07/29	14:18:05	Keylock JavaPOS Application Programmer's Guide.
TECKeylock.xml	-	2011/04/25	15:56:10	Keylock JavaPOS setting file
TECKeylockService.jar	001.011.006	2014/03/27	13:16:37	Keylock JavaPOS Device Service
TEC JavaPOS – LineDisplay APG.pdf	9th	2014/01/21	10:07:57	LineDisplay JavaPOS Application Programmer's Guide.
TECLineDisplay.xml	-	2011/04/27	10:08:16	LineDisplay JavaPOS setting file
TECLineDisplayService.jar	001.011.007	2012/01/09	17:08:51	LineDisplay JavaPOS Device Service
TEC JavaPOS – MSR APG.pdf	6th	2011/07/29	15:55:38	MSR JavaPOS Application Programmer's Guide.
TECMSR.xml	-	2011/04/27	10:00:42	MSR JavaPOS setting file
TECMSRService.jar	001.011.007	2014/03/27	16:03:23	MSR JavaPOS Device Service
TEC JavaPOS – POSPrinter APG.pdf	7th	2012/01/05	09:23:06	POSPrinter JavaPOS Application Programmer's Guide.
TECPOSPrinter.xml	-	2011/07/29	16:44:46	POSPrinter JavaPOS setting file
TECPOSPrinterService.jar	001.011.009	2011/12/13	10:43:15	POSPrinter JavaPOS Device Service

CashDrawer Driver

The following files are the CashDrawer Drivers. (for Windows 2000, XP, WEPOS, Vista)

Filename	Version	Date	Time	
DRVDRW.sys	001.127	2011/03/15	18:53:52	CashDrawer Driver
DRW.INF	-	2011/03/03	11:00:50	CashDrawer Driver INF file
drw.reg	-	2011/03/03	11:04:28	CashDrawer Driver REG file
install.exe	-	2001/05/22	15:05:12	Windows Driver installer
SETUP.BAT	-	2011/08/22	14:46:42	CashDrawer Setup file
TECCashDrawerJni.dll	-	2008/03/22	11:51:12	CashDrawer JNI

The following files are the CashDrawer Drivers (for Linux)

Filename	Version	Date	Time	
drw.ko	-	2011/04/04	09:13:10	CashDrawer Driver
libTECCashDrawerJni.so.0.0	-	2008/02/29	21:35:52	CashDrawer JNI

Keyboard Driver

The following files are the PKB Filter Drivers (for Windows)

Filename	Version	Date	Time	
kbfilter.sys	5.0.1636.1	2009/01/14	11:33:26	PS/2 Keyboard Driver for Windows
KBFInst.exe	5.1.2600.1106	2007/07/12	22:39:34	PS/2 Keyboard Driver installer
KBFInst.inf	-	2007/07/12	21:20:12	PS/2 Keyboard Driver INF file
key.reg	-	2009/02/02	20:53:20	PS/2 Keyboard Driver REG file
KeyMonHk.dll	2.0.0.2	2003/09/01	17:17:10	PS/2 Keyboard Hook Library
mkmgr.exe	1.0.0.0	2007/04/02	14:05:20	PS/2 Msr & Keylock Control Program
Posesc32.dll	2.0.0.4	2010/01/29	13:19:31	PS/2 Keyboard Library
PS2_SETUP.BAT	-	2009/11/26	19:48:54	PS/2 Keyboard Driver Setup program for Windows
POSESC32.dll	1.0.0.6	2009/10/06	13:52:09	USB Keyboard Library
UsbKbMgr.exe	1.0.0.8	2009/05/18	08:20:42	USB Msr & Keylock Control Program
KeyboardUSB.reg	-	2009/11/04	15:04:04	USB Keyboard Driver REG file
raslibc.dll	1.2.0.4	2004/08/06	13:05:24	
USB_SETUP.BAT	-	2009/11/26	13:08:00	USB Keyboard Driver Setup program for Windows
TECPKBFilterJNI.dll	1.0.0.1	2009/08/25	17:29:56	PKBFilter JNI
LogMgr.dll	1.0.1.4	2004/10/04	15:13:08	Log Manager Library

The following files are the Keyboard Drivers (for Linux)

Filename	Version	Date	Time	
libTECPKBFilterJNI.so.0.0	-	2010/3/10	12:54:34	POS Keyboard Filter JNI
Usbposkbd.ko	002.000	2011/04/08	17:14:32	USB POS Keyboard Driver

The following files are the PKBFilter Library

Filename	Version	Date	Time	
TECPKBFilter.jar	-	2009/08/28	18:49:09	PKBFilter Library

TECUSB Driver

The following files are the TECUSB Drivers (for Windows)

Filename	Version	Date	Time	
LogMgr.dll	1.0.1.4	2004/10/04	15:13:08	Log Manager Library
TECUSB.dll	1.0.0.5	2008/07/24	21:17:14	TECUSB Library
TECUSB_LIBRARY_SETUP.BAT	-	2009/11/12	08:50:41	TECUSB Setup file
Tecusbdriver.sys	1.0.0.7	2004/11/25	20:45:00	TECUSB Driver
TecUSBDEx.INF	-	2009/09/02	14:57:28	TECUSB install information
TECUSBPM.exe	1.0.0.1	2008/10/28	14:58:13	
TECUSBJNI.dll	V001.002	2009/11/02	20:15:39	TECUSB JNI

The following files are the TECUSB Drivers (for Linux)

Filename	Version	Date	Time	
libtecusb.so.0.0	001.002	2010/03/05	09:46:32	TECUSB Library
libTECUSBJNI.so.0.0	001.003	2009/12/09	13:38:24	TECUSB JNI
tecusbdriver.ko	001.002	2011/04/04	22:44:14	TECUSB Driver

HybridMCR interface

The following file is HybridMCR shared COM interface (for Linux and Windows)

Filename	Version	Date	Time	
JHBPort.jar	V01.01	2014/03/27	13:14:21	JHBPort.jar

Linux Keyboard patch

The following file is the Keyboard Driver's patch (for Linux)

Filename	Version	Date	Time	
tec_kbd-2.6.32.patch	-	2011/04/08	20:03:34	Keyboard Driver's patch

Linux Compat kbd

The following file is the Keyboard compatibility Driver Drivers (for Linux)

Filename	Version	Date	Time	
compat_keyb.ko	-	2011/04/08	16:46:52	Keyboard compatibility Driver

Power State Detector

The following file is Power State Detector library

Filename	Version	Date	Time	
PowerMonitor.jar	-	2011/06/06	10:39:47	Power State Detector Library

The following file is Power State Detector Driver (for Windows)

Filename	Version	Date	Time	
PowerStateDetector.dll	-	2011/06/13	18:03:27	Power State Detector JNI

The following files are Power State Detector library (for Linux)

Filename	Version	Date	Time	
libPowerStateDetector.so.0.0	V01.01	2014/03/28	10:21:57	Power State Detector JNI
01TECSuspend	-	2011/10/19	01:01:20	Power State Notification Module
PowerStateNotice	-	2011/06/08	18:37:06	Power State Notification Application
PowerStateInit	-	2011/06/08	18:54:50	Power State Initialization Application

Cautions

NOTE1: For restoring the divided file, save the following file in the same place of HDD.

ex) When a version is V001.000

ST-C10V1000.000

ST-C10V1000.001

ST-C10V1000.002

ST-C10V1000.003

ST-C10V1000.004

ST-C10V1000.005

ST-C10V1000.006

ST-C10V1000.007

ST-C10V1000.008

ST-C10V1000.bat

Execution of "ST-C10V1000.bat" restores "ST-C10V1000.zip" to the same place as "ST-C10V1000.bat".