

TRST-A10/TRST-A15 POS Printer OPOS Control V001.007 Release Note

Folder Configuration

The Folder Configuration is as follows:

```
<ROOT>
├── RelNote_V001.007.pdf...Release Note
├── <Doc>...Toshiba TEC OPOS Document
│   └── TRSTA1xAPG6th.pdf...OPOS Application Control Programmer's Guide
├── <OPOS>...Toshiba TEC OPOS Control Installation utility
│   └── TRST-A1x_OPOS_Installer_V001007.exe...OPOS Control Installer
└── <USBdriver>...Toshiba TEC general-purpose USB driver
    ├── Tecusbdriver.sys...general-purpose USB driver
    └── TecUSBDEx.INF...general-purpose USB driver Setup INF file
```

Document

| Filename | Version | | | |
|-------------------|---------|---|---|---|
| TRSTA1xAPG6th.pdf | 6th | - | - | OPOS Control Application Programmer's Guide |

OPOS Control

| Filename | Version | Date | Time | |
|----------------------|-----------|------------|----------|--|
| OPOSPrinter.ocx | 1.8.0.0 | 2004/10/13 | 14:39:00 | Toshiba TEC OPOS POS Printer Control Object (CO) |
| OPOSdwr.ocx | 1.8.0.0 | 2009/04/02 | 13:56:02 | Toshiba TEC OPOS Cash Drawer Control Object (CO) |
| TRSTA1U.dll | 1.8.0.35 | 2010/01/19 | 22:47:22 | TRSTA1U(USB) POS Printer OPOS Service Object (SO) |
| TRSTA1S.dll | 1.8.0.35 | 2010/01/20 | 14:31:23 | TRSTA1S(RS232C) POS Printer OPOS Service Object (SO) |
| TRSTA1P.dll | 1.8.0.35 | 2010/01/20 | 12:39:22 | TRSTA1P(Parallel) POS Printer OPOS Service Object (SO) |
| TRSTA1L.dll | 1.8.0.35 | 2010/01/20 | 12:36:54 | TRSTA1L(LAN) POS Printer OPOS Service Object (SO) |
| DRWA1U.dll | 1.8.0.1 | 2009/10/20 | 22:46:53 | TRSTA1U(USB) Cash Drawer OPOS Service Object (SO) |
| DRWA1S.dll | 1.8.0.2 | 2010/01/21 | 20:52:20 | TRSTA1S(RS232C) Cash Drawer OPOS Service Object (SO) |
| DRWA1P.dll | 1.8.0.1 | 2009/10/20 | 22:48:03 | TRSTA1P(Parallel) Cash Drawer OPOS Service Object (SO) |
| DRWA1L.dll | 1.8.0.1 | 2009/10/24 | 15:21:15 | TRSTA1L(LAN) Cash Drawer OPOS Service Object (SO) |
| TECShareUSB.dll | 1.0.0.2 | 2009/10/26 | 22:45:03 | USB port share library |
| TECShareSerial.dll | 1.0.0.2 | 2009/10/26 | 20:39:54 | Serial port share library |
| TECShareParallel.dll | 1.0.0.2 | 2009/10/26 | 22:29:42 | Parallel port share library |
| TECShareLAN.dll | 1.0.0.2 | 2009/10/26 | 22:35:46 | LAN port share library |
| TECSUSBMgr.exe | 1.0.0.3 | 2010/01/12 | 16:21:31 | USB port share driver |
| TECSSerialMgr.exe | 1.0.0.2 | 2009/10/26 | 22:42:16 | Serial port share driver |
| TECSParallelMgr.exe | 1.0.0.2 | 2009/10/27 | 20:42:35 | Parallel port share driver |
| TECSLANMgr.exe | 1.0.0.3 | 2010/01/07 | 09:39:29 | LAN port share driver |
| TECUSB.dll | 1.0.0.5 | 2008/07/24 | 21:17:14 | Toshiba TEC USB Library |
| LogMgr.dll | 1.0.1.4 | 2004/10/04 | 15:13:00 | Toshiba TEC LOG Manager Library |
| SetBitmapTool.exe | 1.0.0.1 | 2009/10/16 | 19:46:45 | Bitmap Registration to Flash ROM |
| Tecpos.cpl | 2.0.0.23 | 2009/12/25 | 17:21:38 | Toshiba TEC ControlApplet |
| OPOSCHK.exe | 1.0.0.6 | 2009/10/20 | 20:10:44 | Toshiba TEC OPOS Check Health Application |
| OposAll.bas | - | 2003/05/28 | 03:00:00 | OPOS Control VB header file |
| TECPTR.BAS | - | 2007/03/05 | 15:55:08 | Toshiba TEC TRSTA1x OPOS Control VB header file |
| comdlg32.ocx | 6.0.84.18 | - | - | Microsoft COMDialog ActiveX Control DLL |
| MSCOMCTL.OCX | 6.1.95.45 | - | - | Windows Common Controls ActiveX Control DLL |

USB driver

| Filename | Version | Date | Time | |
|---------------|---------|------------|----------|--|
| Tecusbcd.sys | 1.0.0.7 | 2004/11/25 | 20:45:00 | Toshiba TEC general-purpose USB driver |
| TecUSBDEx.INF | - | | | USB driver Setup INF file |

Change history

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|----------|--|
| V001.000 | New Release. |
| V001.001 | To support Chinese and Korean Languages, the following changes were made. TRSTA1P.dll, TRSTA1S.dll., TRSTA1U.dll: Code Page 949 and Code Page 54936 were added. Tecpos.cpl: China was added to the country code of the OPOS registry. DBCMode (Double Byte Character Set) was added to the OPOS registry. TecUSBDEx.INF support TRSTA1x-xx-CN (China model) USB POS Printer. |
| V001.002 | Upgrade of the OPOS Control.(V001.001->V001.002) Fault correction of OPOS. <ol style="list-style-type: none">1. Correction of the fault that the printer prints unexpected “-” characters in case using the “TRST-A10/TRST-A15 Series OPEN POS Driver Kit V001.001” under the 1-byte character environment.2. Change of the max buffer size from 1 Kbyte to 2 Gbyte that the printer is able to print using a method. |
| V001.003 | Upgrade of the OPOS Control.(V001.002->V001.003) Fault correction of OPOS. <ol style="list-style-type: none">1. Correction of the fault that the PrintBarcode method does not work correctly.2. Correction of the code128 data format that sends as an argument to the OPOS standard. |
| V001.004 | Upgrade of the OPOS Control.(V001.003->V001.004) Support of FontSize2. Support of New CashDrawer OPOS(connected to TRST-A1x). Fault correction of OPOS. <ol style="list-style-type: none">1. Correction of the code128 print logic in the case of inputting odd columns.2. Correction of the Control Panel about the registry setting of the both sides printing.3. Correction of the phenomenon that printing is not possible when carrying out Claim-Release repeatedly.4. Correction of the phenomenon that garbage is printed by rotary printing. |
| V001.005 | Upgrade of the OPOS Control.(V001.004->V001.005) Fault correction of OPOS. <ol style="list-style-type: none">1. Correction of the phenomenon that simultaneous use of POSPrinter and CashDrawer is impossible in the same process. (target : TRST-A1x-P/S/U)2. Correction of memory leak by repetition of Open-Close method. (target : TRST-A1x-P/S/U)3. Correction of the phenomenon that OPOS locks it infrequently during device use. (target : TRST-A1x-P/S/U)4. Correction of the phenomenon that Claim method does infrequently time-out by USB POSPrinter.5. Correction of the phenomenon that Open method fails infrequently in an overload state. (target : TRST-A1x-P/S/U) |

V001.006

Upgrade of the OPOS Control.(V001.005->V001.006)

Support of TRST-A10 LAN POS Printer and CashDrawer connected to Printer.

Fault correction of the OPOS Control Application Programmer's Guide

Correction of the BitMap number that I can register. (target : TRST-A1x-P/S/U)

[Fault] 1 to 10 -> [Right] 1 to 11

Fault correction of OPOS.

1. Resource leaks occur when I setting DeviceEnabled property to "True" at the time of the state that DeviceEnabled property is "True".
[for Booths Supermarket]

(target : TRST-A1x-P/S/U)

2. The prevention that printing data fall out. (target : TRST-A1x-S)
3. An error event does not occur in power supply OFF with an async mode.
(target : TRST-A1x-S)
4. OPOS crashes infrequently when I execute Release method during printing with an async mode. (target : TRST-A1x-P/S/U)
5. When mass async printing data accumulation is in a state and execute ClearOutput method, OPOS locks it. (target : TRST-A1x-P/S/U)
6. Misprint occurs infrequently when I use printer OPOS and cash drawer OPOS with an async mode at the same time. (target : TRST-A1x-P/S/U)
7. OutputCompleteEvent occurs several times when I execute PrintBitmap method with an async mode. (target : TRST-A1x-P/S/U)
8. When an error occurs during printing by TransactionPrint, I cannot execute TransactionPrint unless ClearOutput does whether you do Close-Open.
(target : TRST-A1x-P/S/U)
9. When an error occur at the time of a printing start by TransactionPrint, the last printing contents are printed at the time of the next TransactionPrint practice earlier. (target : TRST-A1x-P/S/U)
10. At the time of PrintNormal practice during RotatePrint registration, I can output the paper back side and a surface appointment command.
(target : TRST-A1x-P/S/U)
11. OPOS does deadlock infrequently when Release method execution and paper empty event occur at the same time. (target : TRST-A1x-P)

V001.007

Upgrade of the OPOS Control.(V001.006->V001.007)

Upgrade of the OPOS Control Application Programmer's Guide.

Specifications addition of "printBarcode" method.(add "Option1" to Registry setting) (target : TRST-A1x-P/S/U/L)

When I specified a TypeID out of a rule in "PTR_BCS_Code128" of printBarcode method, I made it possible to operate it in the TypeID of CodeA. (target : TRST-A1x-P/S/U/L)

In the following method, I made it possible to specify data more than 1024byte.

- PrintImmediate(). (target : TRST-A1x-P/S/U/L)
- SetLogo ().
- ValidateData().

Fault correction of OPOS.

1. Printing falls out when I print data with much Escape sequence. [for Long Beach] (target : TRST-A1x-P/S/U/L)
2. CPU utilization is in a high condition at the time of link down. (target : TRST-A1x-L)
3. If I pull and connect a USB cable to POS Printer many times during repetition of Open-Claim of PrinterOPOS and CashDrawerOPOS, one device does not work. (target : TRST-A1x-U)
4. When I use PrinterOPOS and CashDrawerOPOS at the same time and print a large quantity of data, printing rarely falls out. (target : TRST-A1x-S)
5. When a printer is in a busy state, the StatusUpdateEvent is not notified of even if the state of the printer changes. (target : TRST-A1x-S)
6. Even if I close the printer cover in the state of PTR_SUE_REC_NEAREMPTY, the state of PTR_SUE_REC_PAPEROK is not notified of. (target : TRST-A1x-P/S/U/L)

Caution

NOTE1: All bitmaps saved in the flash ROM will disappear, when the printer firmware setting such as FontSize is changed. That is why, as for this case, all bitmaps should be re-defined again.

NOTE2: [TRST-A1x LAN OPOS requirements]

1. Use the firmware of the following version or higher.
Flash Firmware
Version : 54.10
Revision : 00
2. Use after changing the firmware setting for UPOS setting.
(refer to a firmware manual of the TRST-A1x LAN model.)
3. In case of the environment where LAN Sample Kit is already installed in, install this Kit after uninstalling LAN Sample Kit earlier.

NOTE3: When I select "Execute LAN Pos Printer and Cash Drawer" while OPOS installation, Setting for 3 LAN Printers is installed by default. If you want to use LAN printers over 3, refer to "How to use LAN printers over 3[unofficial].pdf" and reg sample file.