

## Firmware Change History for TM-T88VI-iHUB

Version	Category	Detail
50.20 ESC/POS	Added new function	Setting of Bluetooth communication interval for power saving mode.
	Changed function	Changed status sheet button pressing time for status sheet print from 3 seconds to 1 second.
		Supported specific manufacturer drawer.
		Add TM-P80 to child printer.
		Make it possible to obtain IP address from specific DHCP server (Cisco Switch: SG 500-29P).
Bug fix	Fixed a problem that gateway address becomes "0.0.0.0" when LAN cable is removed / connected.	
	Fixed vulnerability of WPA2 (OT-WL05).	
50.21 ESC/POS	Added new function	Added standby mode setting item on EpsonNet Config Web version.
	Bug fix	Fixed a problem that cannot print ePOS-Print via HTTPs.
50.22 ESC/POS	Added new function	Added a setting item of "Wellknown Community Name" on EpsonNet Config Web version.
	Changed function	Disabled "TLS1.0/1.1" for HTTPs in case of the "Encryption Strength" setting is set to "High".
		Deleted "Wi-Fi" information from self-test printing.
	Bug fix	Fixed Vulnerability of WPA2(OT-WL02)
		Fixed Port 9100 connection may become impossible.
Fixed LPR printing stops halfway. Fixed LPR printing may be delayed.		
50.51A ESC/POS 50.51B ESC/POS	Added new function	Added support for OT-WL06.
		Added a function that sends data scanned with a barcode reader connected to the printer to OMS (OmniLink Merchant Services). User needs to activate this function to use OMS.
		Added the following two settings: [Filter setting] To filter and send the print data that only includes or excludes a user-specified string to OMS Server. [Mask setting] To hash the print data if it includes a user-specified string, and then send it to OMS Server.
		Added a merge print function. With the function, user defined data can be printed at the end of receipt.
		Added the ePOS-Device Service.
		Changed function
	Changed function	Removed a "crossdomain.xml" file to reduce a potential security risk.
		Modified to accept the ESC/POS command, adding texts to the header and footer of a QR code.
		Enabled the printer to change the OMS settings when receiving commands from OMS during power on besides at initial power on.

50.51A ESC/POS 50.51B ESC/POS	Bug fix	<p>Fixed a bug that the printer error may occur after a specific Android device which is connected via USB restarted.</p> <p>Fixed a bug that the printer may not respond when repeatedly switching to/from the information acquisition mode.</p> <p>In the server direct printing, fixed a bug that the printer does not recognize the version of "PrintRequestInfo" that the server specifies.</p> <p>Fixed a bug that a watchdog timer error may occur when the printer repeatedly enters/leaves the power saving mode.</p> <p>Fixed a bug that the printer occasionally responded "Enable" to the host despite the USB flow control is disabled in the printer.</p> <p>Fixed a bug that the printer cannot communicate with a host PC via USB if the following steps are executed repeatedly using the OPOS tool:</p> <ol style="list-style-type: none"> <li>1. Print multiple lines.</li> <li>2. Send process ID.</li> <li>3. Perform the auto cut.</li> </ol> <p>Fixed a bug that a debugging error occurs if the printing and cutting operations are repeated in the Ethernet specification.</p> <p>Fixed a bug that ePOS-Device returns not "open_device" but "close_device", when an application sends "close_device" then "open_device" in one content.</p>
50.52A ESC/POS 50.52B ESC/POS	Added new function	Added functions to support German Fiscal.
50.53A ESC/POS 50.53B ESC/POS	Changed function	Updated the TSE control library to Ver. 5.5.3 (the new version)
	Bug fix	<p>Fixed a bug that OMS server cannot decode a QR code due to the receipt ID that is sent to the server is incorrect.</p> <p>Fixed a bug that cannot be deleted the contents print settings.</p>
50.54A ESC/POS 50.54B ESC/POS	Changed function	<p>Supported OT-WL06 in certain regions.</p> <p>Changed default password for WebConfig access from "epson" to the serial number of the printer to comply with the regulations (Chapter 886) in California, U.S.</p> <p>Changed contents of the self-signed certificate to respond to changes in iOS13 specifications.</p> <p>Added "signature" and "serialNumber" parameters as an output parameter of GetLastTransactionResponse. This affects only the German Fiscal function.</p>
	Bug fix	<p>Fixed a problem that the position is shifted from the middle of the image with ePOS Print.</p> <p>Fixed a bug that DEVICE_IN_USE is not resolved even if a client application sends a "disconnect" request to the printer.</p> <p>Fixed a bug that the network response time slows down when a large number of UDP packets are received at startup.</p>
50.55A ESC/POS 50.55B ESC/POS	Bug fix	<p>Fixed a bug that ERROR_IO or SIG_ERROR may be returned from TSE. This affects only the German Fiscal function.</p> <p>Fixed a bug that Device Data Notification cannot be used.</p> <p>Fixed a bug that the Export function cannot be executed if TSE's certificate is expired. This affects only the German Fiscal function.</p>

50.56A ESC/POS 50.56B ESC/POS	Function Change	Added models for the OT-WL06. Improved a connectivity to AP (SSID is in stealth mode) with W53/W56 when using OT-WL06.
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\* Ver. \*\*. \*\*A ESC/POS supports OT-WL02 and OT-WL06.

\* Ver. \*\*. \*\*B ESC/POS supports OT-WL05 and OT-WL06.