



TC15

**Android 14
Mobile
Computer**



ZEBRA TC15 Android 14 Mobile Computer User Guide

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ZEBRA TC15 Android 14 Mobile Computer



Product Specifications

- **Product Name:** TC15 Series Product
- **Software Version:** Android 14 GMS release 14-09-18.00-UG-U25-STD-GRT-04
- **Security Patch Level:** December 05, 2024

Product Information

Software Packages

- **GR_FULL_UPDATE_14-09-18.00-UG-U25-STDGRT-04.zip:** Full Update Package
- **GR_DELTA_UPDATE_14-09-18.00-UG-U15STD_TO_14-09-18.00-UG-U25-STD.zip:** Delta package update from 14-09-18.00UG-U15-STD to 14-09-18.00-UG-U25STD release

Security Updates

This build is compliant up to the Android Security Bulletin of December 05, 2024.

New Features and Resolved Issues

Resolved various issues related to scanner functionality, data matrix labels, snap-on trigger, barcode parameters, battery draining, and more.

Version Information

The product build number is 14-09-18.00-UG-U25-STD-GRT-04 with Android version 14 and a security patch level of December 05, 2024.

Device Support

The software release is approved for use on TC15 series products.

Component Versions

- **Linux Kernel:** Version 5.4.268
- **Android SDK Level:** Version 34

Frequently Asked Questions (FAQ)

What devices are supported by this software release?

This software release is approved for use on TC15 series products. Please refer to the Addendum section for device compatibility details.

Highlights

This Android 14 GMS release 14-09-18.00-UG-U25-STD-GRT-04 covers TC15 series product. Please see, device compatibility under Addendum Section for more details.
This release requires a mandatory step OS Update method to upgrade to A14 BSP software from A13 and A11. Please refer for more details under “OS Update Installation Requirements and Instructions” section.

Software Packages

Package Name	Description
GR_FULL_UPDATE_14-09-18.00-UG-U25-STD- GRT-04.zip	Full Update Package
GR_DELTA_UPDATE_14-09-18.00-UG-U15- STD_TO_14-09-18.00-UG-U25-STD.zip	Delta package update from 14-09-18.00- UG -U15-STD TO 14-09-18.00-UG-U25-STD release

Security Updates

This build is Compliant up to Android Security Bulletin of December 05, 2024.

LifeGuard Update 14-09-18.00-UG-U25

This LG patch is applicable for 14-09-18.00-UG-U15-STD-GRT-04 version.

- **New Features**
 - **Fusion:** Added Support for WLAN TLS 1.3.
 - **TUT:** UI Manager adds the ability to Configure Color Inversion, System Navigation and Talk Backfor accessibility usage.
- **Resolved Issues**

SPR-54744: Resolved an issue where in the free fall detection is not functioning.
- **Usage Notes**

None

LifeGuard Update 14-09-18.00-UG-U15

This LG patch is applicable for 14-09-18.00-UG-U00-STD-GRT-04 version.

- **New Features**

- **Audio:**

- The on/Off switch for the device microphone, which controls audio input through connected audio device.

- **OSX:**

- Display Boring SSL version in Software Components.

- AudioVolumeManager:**

- Implement changes to block volume increase beyond threshold.

- **Resolved Issues**

- **SPR-54043:** Resolved an issue where Scanner changes, Active Index should not be reset if clear submit failed.

- **SPR-53808:** Resolved an issue where in few devices were unable to scan enhanced dot data matrix labels consistently.

- **SPR-54264:** Resolved an issue where in snap on trigger not working when DS3678 is connected.

- **SPR-54026:** Resolved an issue where in EMDK Barcode parameters for 2D inverse.

- **SPR -53586:** Resolved an issue where in battery draining was observed on few devices with external keyboard.

- **Usage Notes**

- None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	14-09-18.00-UG-U25-STD-GRT-04
Android Version	14
Security Patch level	December 05, 2024
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are TC15 series product. Please see device compatibility details under Addendum Section.

New Features

- Allows User to select a portion of available device storage to be used as system RAM. This feature can be turned ON/OFF from device admin only. Please refer to <https://techdocs.zebra.com/mx/powermgr/> for more details.
- Added support for DHCP Option 119. (DHCP option 119 would work only on managed devices over WLAN only and WLAN profile should be created by device owner).
- Scanning
 - Added support for Regular Expression checking in Free-Form OCR and Picklist + OCR workflows.
 - Updated version of Decoder library IMGKIT_9.02T01.27_06_02.

- Enhanced Scanning performance with SE55/SE58 Scan Engines.
- FS40 (SSI Mode) Scanner Support with DataWedge.
- Expose the GS1 DataBar Security Level settings.
- New Configurable Focus Parameters offered for devices with SE55 Scan Engine

OS Update Installation Requirements and Instructions

- To update from A13 to A14 release, user must follow the steps below.
 - Step-1: Device MUST have A13 September 2024 LG BSP Image or a greater A13 BSP version installed which is available on zebra.com portal.
 - Step-2: Upgrade to this release A14 BSP.
- To update from A11 to A14 release, user must follow the steps below.
 - Step-1: Device MUST have A11 October 2024 LG BSP Image or a greater A11 BSP version installed which is available on zebra.com portal.
 - Step-2: Upgrade to this release A14 BSP.

Important Links

- [6375-A14-os-update-instructions](#) (if the link does not work, please copy It to browser and try)
- [Zebra Techdocs](#)
- [Developer Portal](#)

Addendum

Device Compatibility

This software release has been approved for use on the following devices.

Device Family	Part Number		Device Specific Manuals and Guides
TC15	TC15BK-1PE14S-A6 TC15BK-1PE14S-IA TC15BK-1PE14S-TK	TC15BK-1PF14S-A6 TC15BK-1PF14S-BR	TC15 Home Page

Component Versions

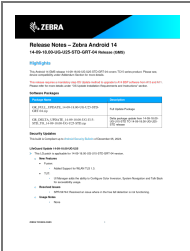
Component / Description	Version
Linux Kernel	5.4.268
Android SDK Level	34
Scanning	43.13.1.0
Datawedge	15.0.10
MXMF/OSX	MXMF: 14.0.0.3
	OSX version: QCT6375.140.14.4.6
Touch FW	Touch Version: 6
RxLogger	14.0.12.15
Bluetooth Pairing Utility	Build Version: 6.2
Zebra Data Services	14.0.0.1017
AnalyticsMgr	10.0.0.1008
Files	Version 14
Stage Now	Application Version : 13.4.0.0
	Build Version:13.4.0.29
Battery Manager	1.5.3
WWAN	HW MBN: DSDS_CDMALess-LA-Strait:0a001900 SW MBN: SIM 0: SW_Default:0ae00005
TS.25	7/1/2024
NFC	NFC_NCIHALx_AR18C0.13.01.00
Ambient Light Sensor	stk_stk3a5x Ambient Light Sensor
Sensors (Accel, Gyro)	Gyroscope: icm4x6xx Gyroscope
	Accelerometer: icm4x6xx Accelerometer
Camera	2.04.102
GreenMode	1.18
ZebraDeviceManager(ZDM)	13.4.0.29
ZSL	6.1.4
Acoustics Profiles	General:TC15-U-1.1 Cellular: TC15-U-1.1
GMS	14_202406
Zebra BlueTooth	14.4.6

Audio	vendor:0.12.0.0
	ZQSSI:0.6.0.0
Baseband Version	MPSS.HI.4.3.4-00625-MANNAR_GEN_PACK-1
oem info	9.0.1.257
Common Transport Layer	3.0.0.1005




Revision History

Rev	Description	Date
1.0	Initial release	September 23, 2024

Documents / Resources

	<p>ZEBRA TC15 Android 14 Mobile Computer [pdf] User Guide</p> <p>TC15 Android 14 Mobile Computer, TC15, Android 14 Mobile Computer, Mobile Computer, Computer</p>
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References

-  [Welcome | Zebra Developer Portal](#)
-  [Android Security and Update Bulletins | Android Open Source Project](#)
-  [Power Manager - TechDocs](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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