Release Notes

Release Note:	**Memor™ 10 Android™ 10 Version 3.05.13**	**Distribution Date:**	July 23, 2024
Product Involved:	Memor™ 10		
Description:	**Memor™ 10 Android™ 10 Version 3.05.13 Firmware Release**		
Business Unit:	Mobile Computers		

Distribution Scope: ☐ **Internal** ☒ **External – specify:** **Public**

Memor™ 10 Android™ 10 version 3.05.13.20240626

1. COMPATIBILITY

- **Memor™ 10 GMS all versions**

Memor™ 10 Android™ 10 firmware version downgrade to any Android™ 8.1 firmware version or Android™ 9.0 firmware version is NOT ALLOWED in order to avoid unpredictable misbehavior due to possible memory area corruption.

Memor™ 10 Android™ 9.0 firmware version upgrade to any Android™ 10 firmware version is ALLOWED.

Memor™ 10 Android™ 8.1 firmware version upgrade to any Android™ 10 firmware version is NOT ALLOWED. Please update to any Android™ 9.0 firmware version first.

To check the Android version, go to Settings>About phone and read the Android version.

- Google ended security patch support for Android 10 since February 2023. As such, this will impact the cadence of Datalogic Shield security updates for that particular Android version.
- SureLock and SureFox applications are available in the Espresso tool.

2. ENHANCEMENTS

2.1. Security Enhancements

a. Updated Extended Android security patches level at April, 2024 [Android security bulletin link: https://source.android.com/security/bulletin/2024-04-01].

3. CORRECTED DEFECTS

3.1. Decoding Corrections

a. Fixed a problem that in some cases caused the previously scanned barcode to be returned instead of the last scanned one. (185867, 192098)

4. KNOWN LIMITATIONS

a. DotCode is available between Symbology settings even if not supported by the scan engine. (174109)
b. In some rare cases using Scan2Deploy Studio the Visual Formatter configuration cannot be applied. (174233) Workaround: Try to apply Scan2Deploy configuration again or adopt different available method to install Visual Formatter.

5. FILES

- memor10-ota-us-3.05.13.20240626.zip [Memor™ 10 Android™ 10 America GMS 3.05.13]
- memor10-ota-row-3.05.13.20240626.zip [Memor™ 10 Android™ 10 Europe-RestOfWorld GMS 3.05.13]
- ReleaseNotes_Memor 10-Android 10-v3.05.13.pdf [this document]

6. OTHER NOTES

Android Security:

- Android security patch level Feb 5, 2023
- Extended security patch level Apr 5, 2024

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Other Dependencies:

- Scan2Deploy Studio 1.4 or newer
- Datalogic Android SDK 1.34
- Espresso Extension 3.05

Upgrade methods:

- Scan2Deploy Studio: see Scan2Deploy Studio help file
- Memor™ 10: installing OTA locally via *Local System Update* option available in *Datalogic Settings*.
- SDK intent

7. SUPPORT

Datalogic Download area:

Memor 10 - Android - Products - Datalogic Developer Portal

Datalogic Support & Service:

Support and Service - Datalogic

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8. HISTORY

Memor™ 10 Android™ 10 version 3.04.11.20240311

Limited distributed version for Memor 10 Europe-RestOfWorld GMS model only.

Memor™ 10 Android™ 10 version 3.03.10.20230505

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at February, 2023 [Android security bulletin link: https://source.android.com/security/bulletin/2023-02-01].

Miscellaneous Enhancements

- Updated SDK Add-on to 1.34.1 version including Profile Manager.
- Updated Scan2Deploy to 1.40.3 version.
- Updated DL Scanner Service to 2.2.0.23-r2-244 version.
- Updated DL SetupWizardScanner to 1.32.2 version.
- Updated DL BatteryManager to 2.3.0 version.
- Updated DL Settings to 2.11.0 version.

CORRECTED DEFECTS

Wi-Fi Corrections

- Now device can connect to WPA2-Personal network with Protected Management Frame (PMF) enabled. (170027)

Miscellaneous Corrections

- Fixed an issue preventing the screen to light up when a new notification was received. (157290)

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Memor™ 10 Android™ 10 version 3.02.06.20220629 - 3.02.06.20220804

ENHANCEMENTS

Miscellaneous Enhancements

- Updated Android security patches level at June, 2022 [Android security bulletin link: https://source.android.com/security/bulletin/2022-06-01].
- Updated Scan2Deploy to 1.37.10111 version.
- Updated DL SetupWizardScanner to 1.29.2.10394 version.
- Updated DL BatteryManager to 2.2.0 version.
- Improved battery charging thresholds to optimize battery life. (161563)

CORRECTED DEFECTS

SDK Corrections

- Fixed CradleManager *getInsertionState()* function behaviour. (158010)
- Fixed a platform compatibility issue for Xamarin application. (160487)

Miscellaneous Corrections

- Fixed an issue that in some rare cases could cause battery swap procedure to fail causing a device reboot. (159656)

Memor™ 10 Android™ 10 version 3.01.05.20220217

ENHANCEMENTS

WWAN Enhancements

- Revised 4G network connection policy to support American carrier AT&T's phasing out of 2G/3G networks in the U.S. [Memor™ 10 America GMS only]

Miscellaneous Enhancements

- Updated Android security patches level at January, 2022 [Android security bulletin link: https://source.android.com/security/bulletin/2022-01-01].
- Added support to Logger utility.
- Updated DL Scanner service to v2.2.0.12-r2-123 version.

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- Updated SDK add-on to 1.31 version.
- Updated DL SetupWizardScanner to 1.28.8664 version.
- Updated DL BatteryManager to 1.6.1 version.
- Included flip screen option for display rotation settings. (152821)

CORRECTED DEFECTS

Decoding Corrections

- Fixed an issue causing ring volume setting to affects scanner good read audio volume setting. (146581)

Miscellaneous Corrections

- Disabled Duraspeed Mediatek tool to prevent unwanted background running applications closure. (154175)
- Fixed an issue causing the impossibility to copy files on internal storage using any MDM agents due to missing permissions, hence it was not possible to apply firmware update or Scan2Deploy payload/DXU configuration. (149964)

Memor™ 10 Android™ 10 version 3.00.03.20210901

ENHANCEMENTS

Miscellaneous Enhancements

- OS Android updated to version 10.
- Updated Android security patches level at August, 2021 [Android security bulletin link: https://source.android.com/security/bulletin/2021-08-01].
- Added support to WiFi Guard utility.
- Updated Scan2Deploy to 1.33.7665 version.
- Updated DL Scanner service to v2.2.0.10-r5-120 version.
- Updated SDK add-on to 1.29 version.
- Updated DXU agent to 1.33.5991 version.
- Updated DL SetupWizardScanner to 1.27.7455 version.

CORRECTED DEFECTS

None

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