# Release Notes

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| **Release Note:** | **Memor™ 1 Android™ 8.1 Version 3.10.14** | **Distribution Date:** | January 15, 2021 |
| **Product Involved:** | Memor™ 1 | | |
| **Description:** | **Memor™ 1 Android™ 8.1 Version 3.10.14 Firmware Release** | | |
| **Business Unit:** | Mobile Computers | | |

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

## Memor™ 1 Android™ 8.1 version 3.10.14.20201216

### 1. COMPATIBILITY

- Memor™ 1 GMS/AOSP Hw Revision 5, 6, 7, 100, 15, 16, 17, 110.

### 2. ENHANCEMENTS

#### 2.1. Miscellaneous Enhancements

a. Updated Android security patches level at October, 2020.

### 3. CORRECTED DEFECTS

#### 3.1. Miscellaneous Corrections

a. Updated the coprocessor firmware version to fix slow communication issue between cradle and device. (133098)

# 4. KNOWN LIMITATIONS

## 4.1. Miscellaneous

a. Surelock is not available. [GMS only]
b. Surefox is not available.

# 5. FILES

- memor1_gms-user-ota-3.10.14.20201216.zip [Memor™ 1 handheld Android 8.1™ GMS 3.10.14]
- memor1_aosp-user-ota-3.10.14.20201216.zip [Memor™ 1 handheld Android 8.1™ AOSP 3.10.14]
- ReleaseNotes_Memor 1-Android 8.1-v3.10.14.pdf [this document]

# 6. OTHER NOTES

### Other Dependencies:

- DXU 1.11.192 or newer
- Datalogic Android SDK

### Upgrade methods:

- DXU: see the specific DXU section available in the device *product reference guide* for network and USB upgrade.
- Memor™ 1: see the *Memor™ 1 Android™ 8.1 Product Reference Guide* for local upgrade.

# 7. SUPPORT

Datalogic Download area:

http://developer.datalogic.com/mobile-computers/products/memor-1/android/firmware

Datalogic Technical Support Request:

https://www.datalogic.com/eng/support-service-sp-18.html#technical_support



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# 8. HISTORY

## Memor™ 1 Android™ 8.1 version 3.09.13.20200911

### ENHANCEMENTS

Miscellaneous Enhancements

- Updated Android security patches level at September, 2020.
- Updated DL Scanner Service to 1.2.9-r4.1-memor1-75 version.

### CORRECTED DEFECTS

Decoding Corrections

- Fixed an issue preventing to decode specific GS1-128 barcode. (118757)
- Fixed an issue causing the scan engine to stop working when display mode was enabled. (119136)

## Memor™ 1 Android™ 8.1 version 3.08.11.20200610

### ENHANCEMENTS

Decoding Enhancements

- Updated SetupWizardScanner to 1.16.2662 version.

WLC Cradle Enhancements

- Updated DL Cradle Manager to 1.2.18 version.

Miscellaneous Enhancements

- Updated Android security patches level at April, 5th 2020.
- Updated DXU Agent to 1.28.1865 version.
- Updated SoftSpot to 2.1.1802 version.
- Updated Scan2Deploy to 1.18.3248 version.

### CORRECTED DEFECTS

None



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# Memor™ 1 Android™ 8.1 version 3.07.09.20190927

## ENHANCEMENTS

Miscellaneous Enhancements

- Updated Android security patches level at October, 5th 2019.
- Updated DXU Agent to 1.25.840 version.
- Updated 42Gears Enterprise Agent to 3.67 version.
- Updated GMS Suite to 18.7.19_API23+ version. [GMS only]

## CORRECTED DEFECTS

Miscellaneous Corrections

- Fixed an issue causing to show black stripe artifacts in "Scanner Camera" on devices mounting Halogen2 scanner.

# Memor™ 1 Android™ 8.1 version 3.06.08.20190614

## ENHANCEMENTS

Decoding Enhancements

- Updated DL Scanner Service to 1.2.9 r4-74 version.
- Updated SetupWizardScanner to 1.9 version.

SDK Enhancements

- Updated SDK add-on to 1.19.1 version.

Miscellaneous Enhancements

- Updated Android security patches level at June, 5th 2019.
- Updated SoftSpot to 1.8.92 version.
- Updated Scan2Deploy to 1.9.198 version.
- Updated DXU Agent to 1.23.243 version.
- Updated Surelock to 11.51 version. [AOSP only]

## CORRECTED DEFECTS

Decoding Corrections



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- Reviewed Scan Engine power down/power up sequence.

Miscellaneous Corrections

- Fixed an issue that caused microphone to not work during VoIP calls. (93317)
- Fixed an issue that prevented wi-fi settings through http proxy. (93611)

# Memor™ 1 Android™ 8.1 version 3.04.06.20190315

## ENHANCEMENTS

Decoding Enhancements

- Updated DL Scanner Service to 1.2.3 r6 version
    a. to support QR Code format to configure Wi-Fi
    b. to enhance DotCode decoding library
- Added SetupWizardScanner 1.4 version.
- Added ScanEngine camera 2.0 version.

WLC Cradle Enhancements

- Updated DL Cradle Manager to 1.2.16 version to implement firmware auto-update feature. Now automatic system updates can be enabled/disabled in the Developer options. (84450)

SDK Enhancements

- Updated SDK add-on to 1.16 version
    a. to retrieve device insertion status and available power source level
    b. to set working area and custom image for SoftSpot
    c. to introduce Battery interface into Device package
    d. to add enabling/disabling property for Wi-Fi QR Code scanning
    e. to introduce new Listeners (InitListener and DeinitListener), in order to be informed about Scanner Service initialization and reset
    f. to add the method isInitialized() to the BarcodeManager, in order to obtain the current status of Scanner Service (initialized or not)
    g. to add registration/unregistration methods to the BarcodeManager, in order to register/unregister as Listener of related events
    h. to add the LISTENER_ERROR to DecodeException
    i. to extend Trigger class with the isAvailable() method, in order to retrieve information about supported Triggers by the device



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j. to extend Triggers with methods for retrieving the default properties values
k. to extend PowerManager with the getRebootReason() method, in order to retrieve information about last device power-off reason

Miscellaneous Enhancements

- Updated Android security patches level at February, 5th 2019.
- Updated GMS Suite to 2018-12 version. [GMS only]
- Updated DL Battery Manager to 1.4.3 version to implement gauge calibration management.
- Updated SoftSpot to 1.6.84 version
  a. to add Simplified Chinese translation
  b. to add support for setting, choosing and deleting custom icons
  c. to add API call to restrict icon to window
  d. to utilize entire screen in fullscreen application
- Added Scan2Deploy 1.4.23 version.
- Now force hardware accelerated encryption is forced by default on userdata. Warning: applying to a device already encrypted with software encryption will permanently corrupt userdata.
- Added DXU Agent 1.16.51 version.
- Added 42Gears Enterprise Agent 3.66 version.
- Added Amaze file manager 3.2.1 version.
- Added SureLock 7.97 version. [AOSP only]
- Added Firefox browser 63.0.2 version. [AOSP only]
- Introduced support for languages other than English.
- Introduced support for Zero Touch enrollment. (85146)
- Introduced imagine capture feature using 2D imager as a standard Android camera supporting standard Android camera SDK.
- Added support for external USB camera.

## CORRECTED DEFECTS

Decoding Corrections

- Fixed an issue that stopped scanner display notification after several scanning. (80177)
- Fixed an issue that caused scanner service to not work on boot after encryption.

WLC Cradle Corrections

- Fixed an issue that sometimes caused the cradle to fail to transfer the maximum power.



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- Fixed an issue that rarely caused to detect a wrong device extraction even if it was currently inserted in the cradle.

Miscellaneous Corrections

- Fixed an issue that prevented device to wake up pressing remapped trigger in early suspend status.
- Fixed an issue related to led effects on boot animation.
- Fixed an issue in audio mode setup for scanner settings.
- Fixed an issue causing character set mode to crash unexpectedly.

## Memor™ 1 Android™ 8.1 version 3.03.05.20181217 GMS

Released for selected customers only

## Memor™ 1 Android™ 8.1 version 3.02.04.20181112 GMS

First Production Release



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