Release Notes

Release Note:	**X4 Android™ 4.4 Version 2.08.01**	**Distribution Date:**	July 5, 2022
Product Involved:	DL-Axist™, Falcon™ X4, Skorpio™ X4		
Description:	**DL-Axist™/ X4 Android™ 4.4 Version 2.08.01 Firmware Release**		
Business Unit:	Mobile Computers		

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

DL Axist™ / X4 Android™ 4.4 version 2.08.01.20210601

1. COMPATIBILITY

- DL-Axist™ ES2, ES3, ES4, ES5 and newer units.
- Falcon™ X4 pilot or production units.
- Skorpio™ X4 pilot or production units.
- Recommend using DXU version 1.7.149.0 or later for firmware upgrades.
- DL-Axist™ hardware version 4 or higher cannot be downgraded to firmware 1.00.32 Jellybean or they will fail to boot. To check the hardware version, go to Settings: Device Info: Factory and read the Hardware revision. Hardware versions 2 and 3 support Jellybean image 1.00.32 and newer. Hardware version 4 and newer requires KitKat image 2.00.10 or newer.
- If updated Falcon™ X4 2D Auto Range cannot be downgraded to previous firmware versions and , in any case, to firmware version lower than 2.02.72.
- **Skorpio™ X4 updated to firmware version 2.08.01 cannot be downgraded to previous firmware versions regardless of the type of display mounted.**

2. ENHANCEMENTS

2.1. Miscellaneous Enhancements

a. Introduced support to new display. [Skorpio X4]

3. CORRECTED DEFECTS

3.1. Miscellaneous Corrections

a. Fixed an issue that could cause device to freeze at reboot on some rare circumstances. (122525)

4. KNOWN LIMITATIONS

4.1. Communication

a. GPS location mode might switch to "battery saving" at battery low and never restored. (83476) [DL-Axist only]

4.2. Wireless

a. DL-Axist cannot roam on Ruckus WLAN. (82374) [DL-Axist only]

4.3. SDK

a. Keyboard layout returned to SDK is wrong. (64926) [Falcon X4/Skorpio X4 only]

4.4. Power management

a. Battery swap mode might cause device to reboot with low level battery. (93074) [DL-Axist only]

4.5. DXU

a. Device Info displays wrong Enterprise SDK version in DXU. (65934) [Falcon X4/Skorpio X4 only]

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4.6. Miscellaneous

a. Pressing back key wakes up device if suspended. (65685) [Falcon X4/Skorpio X4 only]
b. The device does not restore previously applied DXU configuration at Enterprise reset. (94999)

5. FILES

- 2.08.01.20210601_OTA_full.zip [DL-Axist / X4 Android™ 4.4 v2.08.01]
- ReleaseNotes_DL-Axist_X4_Android 4.4_v2.08.01_Firmware.pdf (this document)

6. OTHER NOTES

Other Dependencies:

- DXU 1.7.149.0 or newer
- Datalogic Android SDK add-on 1.8 or newer

Upgrade Methods:

- DXU: see the specific DXU section available in the *device Product Reference Guide* for network and USB upgrade.
- DL-Axist™, Falcon™ X4, Skorpio™ X4: see the *Product Reference Guide* for microSD upgrade.

7. SUPPORT

Datalogic Download area:

DL-Axist™: http://developer.datalogic.com/mobile-computers/products/dl-axist/android/firmware

Falcon™ X4: https://developer.datalogic.com/mobile-computers/products/falcon-x4/android/firmware

Skorpio™ X4: http://developer.datalogic.com/mobile-computers/products/skorpio-x4/android/firmware

Datalogic Technical Support Request:

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

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8. HISTORY

DL Axist™ / X4 Android™ 4.4 version 2.07.03.20200910

ENHANCEMENTS

Decoding Enhancements

- Updated DL Capture to 1.2.11.04 r4-90 version.
- Updated 2D Auto Range scanner firmware to 2.2.0.6 version. [Falcon X4 only]

Miscellaneous Enhancements

- Updated SureLock to 15.55 version.
- Updated EnterpriseAgent to 4.08 version.

CORRECTED DEFECTS

Miscellaneous Corrections

- Fixed an issue causing temporary Ethernet disconnections. (113722)

DL Axist™ / X4 Android™ 4.4 version 2.06.01.20200113

ENHANCEMENTS

Decoding Enhancements

- Updated DL Capture to 1.2.11.04 r4 version supporting new settings:
  - Aggressiveness for both Code-128 and MSI barcode symbologies
  - Code 128 quiet zone
  - ISBT 128 user ID
  - Illumination option for scanner
- Improved keyboard wedge input mode with 'Commit Text' mode as delivery mode.
- Updated 2D Auto Range scanner firmware to 2.2.0.2 version. [Falcon X4 only]
- Introduced support to new 2D Auto Range scanner module hw revision. [Falcon X4 only]
- Introduced support to 2D large view imager scanner module. [Falcon X4 only]

Miscellaneous Enhancements

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- Updated SDK add-on to 1.21 version.
- Updated SureLock to 12.41 version.
- Updated EnterpriseAgent to 4.01 version.

CORRECTED DEFECTS

Miscellaneous Corrections

- Fixed an issue causing activity launcher to stop working after adding a page to home screen using Chrome. (103888)
- Enabled touch screen sound to increase volume for key pressing on Android input keyboard. (100784)
- Fixed an issue that showed 2GB only as flash memory available instead of 8GB. (99917)
- Fixed an issue that caused Enterprise Agent to stop closing SureLock. (99617)

DL Axist™ / X4 Android™ 4.4 version 2.03.02.20190524

ENHANCEMENTS

Decoding Enhancements

- Updated DL Capture to 1.2.3 r12 version to support inverse decoding mode for 1D and 2D symbologies. (87401)
- Introduced support to ISBT 128 both single and concatenated modes.
- Data Matrix Operating mode is now supported to improve readability of DPM Data Matrix. (93226)
- Updated 2D Auto Range scanner firmware to 1.0.2.1 version. [Falcon X4 only]

Miscellaneous Enhancements

- Updated Android 4.4 security patches level at October 2017.
- Updated SDK add-on to 1.18 version to support decoding enhancements.
- Datalogic default wallpaper and boot logo animation have been updated.
- Updated SureLock to 11.51 version.
- Updated SureFox to 7.59 version.
- Updated DXU agent to 1.23.243 version.
- Updated SoftSpot™ to 1.8.92 version.
- Updated EnterpriseAgent to 3.66 version.

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CORRECTED DEFECTS

Communication Corrections

- Now DNS for ethernet connection is set as default “8.8.8.8” in case it’s configured with a static ip configuration but empty DNS. (89887)

DL Axist™ / X4 Android™ 4.4 version 2.02.76.20190409

ENHANCEMENTS

None

CORRECTED DEFECTS

Miscellaneous Corrections

- Fixed an issue causing touch screen to become intermittently unusable after suspend/resume following factory data reset. (90508) [Falcon X4 only]

DL-Axist™ / X4 Android™ 4.4 version 2.02.75.20190301

ENHANCEMENTS

Decoding Enhancements

- Introduced support to new 2D Auto Range scanner module. [Falcon X4 only]
- Updated decoding library to 1.2.3 version.

Miscellaneous Enhancements

- Updated DXU Agent to 1.17.52 version.
- Updated SoftSpot to 1.6.84 version.
- The SOTI MobiControl installer client application has been updated to 13.6.0 version.
- Updated SDK add-on to 1.15.1 version.

CORRECTED DEFECTS

Decoding Corrections

- Green Spot cannot be enabled on device with 2D Auto Range scanner module. (83440) [Falcon X4 only]

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Communication Corrections

- Fixed an issue that caused missed Ethernet reconnection when hard reset occurred. (78434)
- Now Skype calls are supported using BT headset. (74612)
- GPS module cannot be enabled by the SDK since not available on device. (87887)

DXU Corrections

- Now DXU can properly configure Ethernet settings. (87796)
- Now DXU Agent is automatically restarted in case unexpected exceptions should occur. (87927)

Tap2Deploy, Scan2Deploy, Soft Spot, and NFC Corrections

- Softspot icon has been restored in home screen. (88274)

Miscellaneous Corrections

- Now letters are not capitalized pressing Shift key with CAPS mode on. (72060)

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