Release Notes

Release Note:	**Skorpio™ X5 Android™ 13 Version 4.09.001**	**Distribution Date:**	July 7, 2026
Product Involved:	Skorpio™ X5		
Description:	**Skorpio™ X5 Android™ 13 Version 4.09.001 Firmware Release**		
Business Unit:	Mobile Computers		

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

Skorpio™ X5 Android™ 13 version 4.09.001.20260623

1. COMPATIBILITY

- Skorpio™ X5 GMS/AOSP all versions.

Skorpio™ X5 Android™ 13 firmware version downgrade to any Android™ 11/Android™ 10 firmware versions is ALLOWED (forcing factory reset).

Skorpio™ X5 Android™ 10/Android™ 11 firmware version upgrade to any Android™ 13 firmware versions is ALLOWED.

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

2. ENHANCEMENTS

2.1. Miscellaneous Enhancements

a. Updated DL Scanner service to 2.2.0.45-r3.1 version.
b. Updated SetupWizardScanner to 1.43.1 version.

c. Updated Scan2Deploy to 2.8.0 version.
d. Updated DL Resources to 1.45.6 version.

3. CORRECTED DEFECTS

Miscellaneous Corrections

a. NFC service has been disabled on the XLR model to prevent spontaneous reboots. (225006)
b. Fixed an issue on the XLR model where the device could freeze during startup when the battery was relatively low, around 20%. (221852)

4. KNOWN LIMITATIONS

4.1. Miscellaneous

a. The device might boot to recovery mode when downgrading from Android 13 at low battery level. (190265) Workaround: make sure the battery level is adequate, at least 25%.
b. Conditional factory reset could occur by upgrading from an Android 11 version with a newer build date. (199447)

5. FILES

- skorpioX5_gms-user-ota-4.09.001.20260623.zip [Skorpio™ X5 Android™ 13 GMS 4.09.001]
- skorpioX5_aosp-user-ota-4.09.001.20260623.zip [Skorpio™ X5 Android™ 13 non-GMS 4.09.001]
- ReleaseNotes_Skorpio X5-Android 13-v4.09.001.pdf [this document]

6. OTHER NOTES

Android Security:

- Android security patch level October 5, 2025

Other Dependencies:

- Scan2Deploy Studio 2.3.1 or newer

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- Datalogic Android SDK 1.45
- Espresso Extension 4.08.003

Upgrade methods:

- Scan2Deploy Studio: see the specific *Scan2Deploy* section available in the *Skorpio™ X5 user manual*.
- Skorpio™ X5: installing OTA locally via *System Update* option available in *System* settings.
- SDK intent
- ADB sideload

7. SUPPORT

Datalogic Download area:

Skorpio X5 - Android - Firmware - Products - Datalogic Developer Portal

Datalogic Support & Service:

Support and Service - Datalogic

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8. HISTORY

Skorpio™ X5 Android™ 13 version 4.08.002.20250926s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at October, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-10-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.08.001.20250906s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at September, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-09-01].

Miscellaneous Enhancements

- Increased Android virtual memory heap values allocated for an app from 128 MB/256 MB to 256 MB/512 MB to align with A11. In some application circumstances, this may prevent potential slowdowns and out of memory errors. (212449, 211493)
- Updated DL Scanner service to 2.2.0.45-r3 version.
- Updated SDK add-on to 1.45.0 version.
- Updated Scan2Deploy to 2.6.3 version.
- Updated DLSettings to 2.24.1 version.
- Updated Battery Manager to 2.15.0 version.
- Updated SoftSpot™ to 3.2.1 version.

CORRECTED DEFECTS

Miscellaneous Corrections

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- Fixed an issue that caused the screen to turn off after a few seconds when the device was turned upside down, regardless of the suspend timeout setting. (214866)

Skorpio™ X5 Android™ 13 version 4.07.003.20250717s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at August, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-08-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.07.002.20250611s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at June, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-06-01].

Miscellaneous Enhancements

- Introduced support to new NFC chip. (208182)
- Updated SDK add-on to 1.43.9 version.

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.06.002.20250502s

ENHANCEMENTS

Security Enhancements

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- Updated Android security patches level at May, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-05-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.05.003.20250321s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at April, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-04-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.05.002.20250221s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at March, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-03-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.05.001.20250204s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at February, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-02-01].

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Miscellaneous Enhancements

- Updated DL Scanner service to 2.2.0.44-r5 version including:
  a. Snap OCR feature
- Updated SDK add-on to 1.43.2 version.
- Updated Scan2Deploy to 2.5.0 version.
- Updated DLSettings to 2.23.0 version.
- Updated SoftSpot™ to 3.1.0 version.
- At sign '@' has been included in the symbols panel for Skorpio X5 38K. (198161)
- Introduced and enabled by default Bluetooth silent paring feature for Datalogic trusted devices. (197129)

CORRECTED DEFECTS

Miscellaneous Corrections

- Fixed an issue that caused Bluetooth device discoverability setting to not be retained after rebooting the device. (190256)

Skorpio™ X5 Android™ 13 version 4.04.010.20241230s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at January, 2025 [Android security bulletins links: https://source.android.com/security/bulletin/2025-01-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.04.008.20241121s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at December, 2024 [Android security bulletins links: https://source.android.com/security/bulletin/2024-12-01].

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Miscellaneous Enhancements

- Updated SDK Add-on to 1.39.13 version.

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.04.006.20241103s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at November, 2024 [Android security bulletins links: https://source.android.com/security/bulletin/2024-11-01].

Miscellaneous Enhancements

- Updated SDK Add-on to 1.39.12 version.

CORRECTED DEFECTS

Miscellaneous Corrections

- Fixed an issue causing device not to transmit the host name. (198030)

Skorpio™ X5 Android™ 13 version 4.04.004.20241001s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at October, 2024 [Android security bulletins links: https://source.android.com/security/bulletin/2024-10-01].

Miscellaneous Enhancements

- New boot animation logo, wallpaper, and dashboard icons style. (195703, 195704)
- Updated DLSettings to 2.20.2 version with a new interface design that groups the various settings into specific sections for a better user experience.

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- Updated DL Scanner service to 2.2.0.42-r5 version introducing:
    a. GS1 Digital Link support with additional features available in Standard formatting related to label set transmit mode and format conversion
    b. GS1 field extraction support in Visual Formatter
    c. Digimarc native support
    d. Hex formatting support
    e. ECI policy evaluation option
- Updated SDK Add-on to 1.39.10 version.
- Updated Scan2Deploy to 2.3.1 version.
- Updated Battery Manager to 2.7.0 version.
- Updated SoftSpot™ to 3.0.3 version.

CORRECTED DEFECTS

Miscellaneous Corrections

- Now PTT Walkie-Talkie app setting does provide support for Zello application. (190223)

Skorpio™ X5 Android™ 13 version 4.03.005.20240829s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at September, 2024 [Android security bulletins links: https://source.android.com/security/bulletin/2024-09-01].

CORRECTED DEFECTS

None

Skorpio™ X5 Android™ 13 version 4.03.002.20240722s

ENHANCEMENTS

Security Enhancements

- Updated Android security patches level at July, 2024 [Android security bulletins links: https://source.android.com/security/bulletin/2024-07-01].

Miscellaneous Enhancements

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- OS Android updated to version 13.
- Introduced support to Bluetooth silent pairing feature.
- Introduced support to PTT button functionality.
- Introduced support to host name configuration.
- Updated DL Scanner service to 2.2.0.37-r2-256 version.
- Updated SDK Add-on to 1.36.4 version.

CORRECTED DEFECTS

None

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