

Symbol	Meaning
+	Added
^	Changed
!	Note
#	Fixed
-	Removed

Version 2020.4

Release date: December 15, 2020

Release type: Stable

Compatible firmware versions: 1.6.0

- + Seven new output rates in Real-time Streaming, including 1Hz, 4Hz, 10Hz, 12Hz, 15Hz, 20Hz and 30Hz.
- + Eight new output rates in Recording, including 1Hz, 4Hz, 10Hz, 12Hz, 15Hz, 20Hz, 30Hz and 120Hz.
- + A new filter profile to provide accurate orientation for fast and jerky human motions.
- + Support Received Signal Strength Indicator (RSSI) to indicate the signal strength between the phone and DOT sensors.
- + Support V1 signature to deploy App in Baidu platform.
- + Ability to get the synchronization status to know if the sensor is synced or not.
- + Ability to stop the synchronization after a successful synchronization.
- ^ Improved synchronization success rate.
- ^ Improved synchronization to allow user to start and stop multiple measurements after one synchronization.
- ^ Support 5 sensors to do Magnetic Field Mapper (MFM) at a time.
- ^ Optimized MFM (single-click operation); the new interface lets you know the progress of capturing relevant data.
- The limitation that Device Firmware Update can only do 5 sensors at a time has been removed
- # In Real-time Streaming, starting a new mode when the previous mode is still running, extra data packets of the previous mode will be displayed and logged in the new mode.
- # Wrong subtitle in Measure & Collect page.
- # Only one recording file can be exported if the selected recording files have the same name.
- # Several crash issues.

Version 2020.2.2

Release date: September 29, 2020

Release type: Stable

Compatible firmware versions: 1.0.0, 1.4.0

- # Fixed the bug that there is no recording data when synchronization is disabled.

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Android APK Changelogs

Author: Product Manager
Last updated: December 15, 2020
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Version 2020.2.1

Release date: September 22, 2020

Release type: Stable

Compatible firmware versions: 1.0.0, 1.4.0

- + Add support to disable/enable synchronization before measurement.

Version 2020.2

Release date: August 27, 2020

Release type: Stable

Compatible firmware versions: 1.0.0, 1.4.0

- + Support power saving time adjustment.
- + Added OTA fail reasons.
- + Support 4 new payload modes with both sensor fusion and inertial data.
- + Support recording function.
- + Added reminder to back up the recording data before OTA.
- + Support synchronization function in real-time streaming and recording.
- + Display serial number in Settings.
- ^ Improved the screen adaption for MFM in 5.2 inches screen.
- ^ Improved the heading reset function.
- ^ Improved some text in app.
- ^ Change "dQ", "dV" to "dq", "dv" in logging csv.
- Removed the reconnection attempt after sensor is powered off by button during connection.
- Removed the limitation that only 5 sensor can be connected at the same time.
- Remove support for special characters in tag name.
- # Cannot open CSV file with correct separator has been fixed.
- # Fixed the incorrect status bytes in high fidelity mode.
- # Fixed several crashes.

Version 2020.1.1

Release date: May 19, 2020

Release type: Beta

Compatible firmware versions: 1.0.0, 1.3.0

- # Fixed a crash caused by incorrect initialization sequence in dashboard
- # Fixed a crash for foreground service

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Android APK Changelogs

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Fixed a random crash during device firmware upgrade process

Version 2020.1

Release date: April 24, 2020

Release type: Beta

Compatible firmware versions: 1.0.0, 1.3.0

- ^ Support for the new measurement modes.
- ^ Data plotting support without logging.
- + Firmware update support to a maximum of 5 sensors.
- + Downgrade functionality added to Firmware update.
- + New firmware update notification added.
- + Added support for firmware crash logs.
- + Added support for heading reset feature.
- Removed 'Stable' and 'Beta' server ports in Device Firmware Upgrade.
- Removed update from mfw file option in Device Firmware Upgrade.
- Support for 'Default' measurement mode with FW v1.0.0 removed.
- # Crash after clicking popup window on Android OS 8.0 no longer occurs.
- # Crash during long time measurement has been fixed.
- # Cannot select correct sensor for measurement has been fixed.
- # MFM page now shows the actual device tag name instead of 'Xsens DOT'.
- # Several other crashes have been fixed.
- Cannot select mfw file in Device Firmware Upgrade on Google phones has been fixed.