

Release Notes

Production samples release for MTi-7

Author: Product Manager

Date: June 1, 2018



1 About this release

This document details the production samples release for the new MTi-7 (GNSS/INS) module and the module's development kit (MTi-7-DK).

Table 1: Overview of the MTi Product Portfolio

Product Family	Product versions	Generation	Status
1-series	MTi-1 (IMU) MTi-2 (VRU) MTi-3 (AHRS) MTi-7 (GNSS/INS)	-	Active
10-series	MTi-10 (IMU) MTi-20 (VRU) MTi-30 (AHRS)	4 th generation	Inactive
		5 th generation	Active
100-series	MTi-100 (IMU) MTi-200 (VRU) MTi-300 (AHRS)	4 th generation	Inactive
		5 th generation	Active
100-series	MTi-G-700 (GPS/INS) MTi-G-710 (GNSS/INS)	4 th generation	Inactive
100-series	MTi-G-710 (GNSS/INS)	5 th generation	Active

Table 2: Release versions

Release component	Product applicability	New version	Comments
Firmware	MTi-7	1.2.6	Production firmware release.
Firmware Updater	MTi Product Family (Table 1)	4.2.3	Including MTi-7 production firmware release.

2 Notes

- MTi-7-DK is supported in MT Software Suite 4.8.6 (beta). It is not supported with MT Software Suite 4.8.0.
- Magnetic Field Mapper with the MT Software Suite Linux installer package on Ubuntu 16.04 and higher is not supported yet. It will be fixed with the next release of the MT Software Suite.
- With MT Software Suite 4.8.6, setting the 'Baud rate' either using the MT Manager or using the XDA requires an explicit reset or power cycle of the MTi device for the change to take effect.
- ICC/RepMo features are not supported by the MTi-7 yet. It will be fixed with the next release.

3 Compatibility

Software platform	Notes on support
Windows 10 64-bit, Linux 64-bit (Ubuntu 16.04)	Tested and officially supported
Windows 7 32-bit, Windows 8 64-bit, Windows 7 64-bit and Linux 32-bit (Ubuntu 16.04)	No official support

Release Notes

Production samples release for MTi-7

Author: Product Manager

Date: June 1, 2018



4 Bug fixes, improvements and features

This section details the list of issues tackled in this release for the release components of Firmware (Table 3) and the Firmware Updater (Table 4).

Table 3: Firmware

Improvements	Further performance tuning has been completed with respect to the engineering firmware
---------------------	--

Table 4: Firmware Updater

New feature	Firmware Updater includes the update to MTi-7 production firmware
--------------------	---

5 Product overview and current status

This section reports in Table 5 the relative release status of all the MTi product components.

Table 5: Complete list of product series and their release status

Components	Product applicability	Stable version	Beta version	Comments
Firmware	10-series 100-series	1.7.2	1.7.4	5 th generation
	MTi-G-710	1.7.2	1.7.4	5 th generation
	MTi-1 MTi-2 MTi-3	1.2.1	-	-
	MTi-7	-	1.2.6	Affected by this release.
	10-series 100-series MTi-G-700 MTi-G-710	1.8.2	-	4 th generation
MT Software Suite	1-series	4.8.0	4.8.6	-
	MTi-7-DK	-	4.8.6	-
	10-series 100-series MTi-G-700 MTi-G-710	4.8.0	-	4 th generation
	10-series 100-series MTi-G-710	4.8.0	4.8.6	5 th generation
Firmware Updater	MTi Product Family (Table 1)	4.2.3	-	Affected by this release.