

Release Notes

Firmware 10-series / 100-series

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Date: January 31, 2019



1 About this release

This document details the firmware release for the MTi 10-series and MTi 100-series.

Table 1: Overview of the MTi Product Portfolio

Product Family	Product versions	Generation	Status
10-series	MTi-10 (IMU) MTi-20 (VRU) MTi-30 (AHRS)	5 th generation	Active; Tested and officially supported with this release
100-series	MTi-100 (IMU) MTi-200 (VRU) MTi-300 (AHRS) MTi-G-710 (GNSS/INS)	5 th generation	Active; Tested and officially supported with this release

Table 2: Release versions

Release component	Product applicability	New version	Comments
Firmware	MTi-10/20/30 MTi-100/200/300 MTi-G-710	1.10.0	Stable release

2 Bug fixes, improvements and features

This section details the list of issues in this release.

Table 3: Firmware

Improvements & features		
Improvement	MKVFW-17	Added Orientation Smoother for MTi-G-710
New Feature	MKVFW-13	Added \$GPRMC output
New Feature	MKVFW-28	Enabled AccelerationHR and RateOfTurnHR for 10-series
Bug Fixes		
Bug	MKVFW-20	Fixed several rarely occurring minor bugs
Bug	MKVFW-25	
Bug	MKVFW-32	
Bug	MKVFW-36	
Bug	MKVFW-63	Corrected \$GPGGA message
Bug	MKVFW-65	

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3 Product overview and current status

This section reports in Table 4 the relative release status of all the MTi product components.

Table 4: Complete list of product series and their release status

Components	Product applicability	Stable version	Beta version	Comments
Firmware	10-series 100-series	1.10.0	-	5 th generation
	MTi-G-710	1.10.0	-	5 th generation
	MTi-1 MTi-2 MTi-3	1.4.0	-	Compatible with MTI 1-series v2
	MTi-7	1.4.0	-	Compatible with MTI 1-series v2
Firmware Updater	MTi Product Family	4.2.6	-	
MT Software Suite (MT Manager, MT SDK, Magnetic Field Mapper, MFM SDK)	MTi-1 MTi-2 MTi-3	2019.0.1	-	2019 is latest release
	MTi-7	2019.0.1	-	2019 is latest release
	10-series 100-series MTi-G-710	2019.0.1	-	2019 is latest release