

# DSM Firmware errata

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## DSM Firmware Version

We are always improving our device's performance, stability, and reliability. This document describes **DSM platform** devices' firmware improvements, changes, new features implementations as well as current firmware release version.

### Firmware download for FMx6 device series

Link: [Firmware](#)

Password: cU22XsBu

## Firmware for FMC650

<b>FIRMWARE VERSION</b>	<b>RELEASE DATE</b>	<b>CHANGES</b>
<b>03.00.16.Rev.104</b>	2024-11-12	<ul style="list-style-type: none"><li>• Support DSM FW 2.4.0 added.</li><li>• Port tacho border crossing IO.</li></ul>
<b>03.00.16.Rev.101</b>	2024-08-06	<ul style="list-style-type: none"><li>• Geofence functionality pictures receiving fix.</li><li>• Green Driving pictures receiving fix.</li><li>• File transfer modem rebooting state fix.</li><li>• Additional verbal information by request/download/upload pictures.</li></ul>
<b>03.00.16.Rev.100</b>	2024-06-12	<ul style="list-style-type: none"><li>• Port Tacho Border Crossing IO.</li><li>• VDO Counter functionality fix.</li><li>• Full Base Support</li></ul>
<b>03.00.14.Rev.116</b>	2024-04-05	<ul style="list-style-type: none"><li>• <b>NEW:</b> ADAS support.</li></ul>
<b>03.00.14.Rev.114</b>	2024-03-01	<ul style="list-style-type: none"><li>• Added DSM support for FMC650.</li><li>• <b>NEW:</b> Two camera support.</li></ul>
<b>FMX640 FIRMWARE VERSION</b>	<b>RELEASE DATE</b>	<b>CHANGES</b>
<b>01.02.17.Rev.158</b> (Latest firmware release version for FMX640)	2023-10-09	<ul style="list-style-type: none"><li>• Event timeout settings support via CFG</li></ul>

<b>01.02.17.Rev.157</b> (Latest firmware release version for FMX640)	2023-06-05	<ul style="list-style-type: none"> <li>• DSM protocol update to 1.4 version</li> <li>• Prevent modifying files after DSM Ready state is set</li> <li>• IF file corrupted, DSM will return to ready state</li> </ul>
<b>01.02.17.Rev.156</b> (Latest firmware release version for FMX640)	2023-05-02	<ul style="list-style-type: none"> <li>• Increased event sound max value for voice setting</li> <li>• Snapshot retransmit capability is added (periodic and by request)</li> <li>• Prevent premature dsm state change from uploading to ready</li> <li>• Reject unsolicited snapshot if upload buffer is full</li> <li>• Multiple access to SD prevention</li> <li>• Yawning sensitivity fixed value</li> <li>• Increased UART buffer sizes</li> </ul>
<b>01.02.17.Rev.155</b> (Latest firmware release version for FMX640)	2023-03-16	<ul style="list-style-type: none"> <li>• Initial firmware release</li> <li>• Added DSM support</li> </ul>

<b>DSM FIRMWARE VERSION</b>	<b>RELEASE DATE</b>	<b>CHANGES</b>
<b>2.4.0</b>	2024-11-13	<ul style="list-style-type: none"> <li>• Stable work</li> <li>• Distraction Bus/Truck feature added</li> <li>• Language error fixed(Spanish): Seat belt warning sound changed from English to Spanish</li> <li>• Added features: <ul style="list-style-type: none"> <li>• Calibration timeout function</li> <li>• Event processing starting from the second yawn event</li> <li>• Added new snapshot and driver absence warning options</li> </ul> </li> </ul>
<b>2.2.0</b>	2023-12-04	<ul style="list-style-type: none"> <li>• Stable work</li> <li>• Seat belt detection update</li> </ul>
<b>2.2.0.TR1</b>	2023-08-31	<ul style="list-style-type: none"> <li>• Stable work</li> <li>• New calibration page 30.0.0.1:18087</li> </ul>
<b>2.0.1</b>	2023-06-26	<ul style="list-style-type: none"> <li>• Fixed issues related to SD retransmission function</li> <li>• Fixed Timestamp values in UTC</li> <li>• Fixed GPS coordinates changed to signed int</li> <li>• Fixed Snapshot retransmission packet size</li> </ul>
<b>2.0.0</b>	2023-03-07	<ul style="list-style-type: none"> <li>• stable DSM work</li> </ul>