DualCam Firmware errata

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Firmware Version

We are always improving our device's performance, stability, and reliability.
This document describes **DualCAM platform and FMX125** devices' firmware improvements, changes, new features implementations as well as current firmware release version.

Firmware download for FMX125/FMX225/FMC650

Link: Firmware

Password: 3RpOAf96

Firmware for FMC650

FIRMWARE VERSION	RELEASE DATE	CHANGES
03.00.14.Rev.116	2024-04-05	• **NEW:** ADAS support.
03.00.14.Rev.114	2024-03-01	• Stable work with DualCam/DashCam. • **NEW:** Two camera support.
03.00.14.Rev.112	2023-11-23	• Added DualCam/DashCam support for FMC650.

Firmware for FMX125

FIRMWARE VERSION	RELEASE DATE	CHANGES
03.29.00.Rev.531	2024-02-15	• Full base update
03.27.13.Rev.663	2023-07-31	• Network stability improvements.
03.27.13.Rev.662	2023-06-05	• DualCam capture buffer loop

03.27.13.Rev.661	2023-03-27	• Only one video download with video priority selected • Camera state check logic fixed • DualCam time zone in metadata changed to Unix time (UTC+0) • Option to select file priority for Dual Cam
03.27.13.Rev.367	2022-11-29	• Metadata duplicate • Gnss sync issues. Mrg of 03.27.13.Rev.441 meig branch • Metadata overwritten when 2 or more files queued for upload • Timestamp drift after long time period in deep sleep • MEIG modem throws errors and callstacks under heavy load • SMS request response when video buffer is empty • Periodic image buffer issues in deep sleep • MEIG GPRS quality update • Video buffer stuck after wrong timestamp • Modem unstable at full DualCam buffer • Camreq identical metadata issue • DualCam video trigger max value • DualCam custom image resolution • DualCam fw version not available in logs • SD card format response issue
03.27.13.Rev.362	2022-06-17	• NITZ gives unstable time • Single side of camera footage is uploaded • MEIG modem file upload issue • DualCam base update for MEIG support
03.27.07.Rev.365	2022-03-17	• Minor improvements • DualCam metadata timestamp mismatch • Increased timeout for video data pack request • CRC calculation mismatch after file upload resume • Periodic image sending • Add camera time zone parameter • Added periodic time check and sync for the camera • Adjusted DualCam command timeouts • Added fixes and workarounds for cam command fails • FPS parameter added to the meta data command
03.27.07.Rev.361	2021-09-17	• Minor improvements
03.27.07.Rev.360	2021-08-30	• Extended video and image sending configuration • Added Domain and Port parameters to "camreq" command • Extended "camreq" response • Added "camgetver" command • Fixed timestamp for video meta data • Improved system stability and fixed general bugs
03.27.03.Rev.104	2021-06-18	• Added image sending trigger • Ability to configure multiple video triggers • Always enabled DualCam scenario support • Improved system stability and fixed general bugs
03.27.00.Rev.100	2021-02-19	• Initial release

Firmware for DualCam

DUALCAM FIRMWARE VERSION	RELEASE DATE	CHANGES
V2.2.3	2022-05-20	• Added watch dog for camera to restart it self if camera will stuck
V2.2.2	2022-01-06	• Added video buffer pool,repair the write rate of the SD card • Solved the bug when 35min can not download video • Changed the logic of FPS setting and switching,the video saves the exact FPS of each video packet in the PTM_FRAME • Improved the picture and video quality,image edge trimming • Added flash upgrade mode • Modified command to get Image quality • Resolved the problem that the camera restarts after switching the OSD switch • Optimized setting video frame rate without restarting the camera
V1.9.3	2021-07-15	• Improved stability and fixes of camera data packets
V1.9.2	2021-06-02	• Fixed issue with front camera crash if picture size is too large • Added command to check the camera version • Improved system stability and fixed general bugs
V1.9.0	2021- 02-19	• Initial release