DJI Firmwares

mefistotelis edited this page on Sep 18, 2019 · 23 revisions

Known firmware modules for DJI products are listed below:

Module	Board	Firmware packages	Purpose
m0100	WM320 Gimbal top board, WM321 Camera encoder board	OSMO_FC350Z_FW, OSMO_FC550R_FW, OSMO_FC550_FW, OSMO_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Video processing app
m0101	WM320 Gimbal top board, WM321 Camera encoder board	OSMO_FC350Z_FW, OSMO_FC550R_FW, OSMO_FC550_FW, OSMO_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Video processing loader
m0305	P3 Flight Controller	A3_FW, AI900_AGR_FW, AM603_FW, MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, N3_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Flight controller loader
m0306	P3 Flight Controller	A3_FW, AI900_AGR_FW, AI900_FW, AM603_FW, MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, MG1S_FW, N3_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Flight controller app
m0400	WM320 Gimbal top board, WM321 Gimbal top board	HG300_FW, OSMO_FC350Z_FW, OSMO_FC550R_FW, OSMO_FC550_FW, OSMO_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Gimbal master control
m0605		C1_FW	Radio
m0700	WM321 Gimbal top board	P3C_FW	Wi-Fi host
m0800	WM320 Gimbal top board	OSMO_FC550R_FW, OSMO_FC550_FW, OSMO_FW, P3X_FW, WM610_FC550_FW, WM610_FW	FPV feed in P3X
m0900	P3X OFDM Receiver board	HG300_FW, LBTX_FW, MATRICE100_FW, MG1S_FW, OSMO_FC350Z_FW, OSMO_FC550R_FW, OSMO_FC550_FW, OSMO_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Lightbridge transmission control
m1100	P3 Battery Intelligent board	MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, MG1S_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	Battery model 1 FW
m1101	P3 Battery Intelligent board	MATRICE600PRO_FW, MATRICE600_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW	Battery model 2 FW
m1200	ESC center board	A3_FW, AM603_FW, ESC_FW, MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, MG1S_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	ESC firmware
m1201	ESC center board	A3_FW, AM603_FW, MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, MG1S_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	ESC firmware
m1202	ESC center board	A3_FW, AM603_FW, MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, MG1S_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	ESC firmware
m1203	ESC center board	A3_FW, AM603_FW, MATRICE100_FW, MATRICE600PRO_FW, MATRICE600_FW, MG1S_FW, P3C_FW, P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	ESC firmware
m1300	GL300 Interface board	C1_FW, P3S_FW, P3XS_FW, P3X_FW	RC video transcoding
m1301	GL300 Interface board	C1_FW	RC video transcoding
m1400	GL300 Main board	C1_FW, MG1SRC_FW, P3C_FW, P3S_FW, P3XS_FW, P3XW_FW, P3X_FW	RC MCU for GL300a/b
m1401	GL300 Main board	C1_FW, MG1SRC_FW	RC MCU for GL300c
m1500	P3X OFDM Receiver board	P3S_FW, P3X_FW, WM610_FC550_FW, WM610_FW	OFDM USB controller
m1600	GL300 Main board	C1_FW, P3S_FW, P3XS_FW, P3X_FW	RC USB controller
m1601	GL300 Main board	C1_FW, P3S_FW, P3XS_FW, P3X_FW	RC USB controller
m1700	VPS Module board	P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	VPS camera
m1701	VPS Module board	P3S_FW, P3XW_FW, P3X_FW, WM610_FC350Z_FW, WM610_FC550_FW, WM610_FW	VPS sonar
m1900	OFDM Receiver board	LBTX_FW, P3S_FW, P3X_FW, WM610_FC550_FW, WM610_FW	OFDM FPGA bitstream
m2000	GL300 Main board	C1_FW, P3S_FW, P3XS_FW, P3X_FW	RC FPGA bitstream
m2001	GL300 Main board	C1_FW, P3S_FW, P3XS_FW, P3X_FW	RC FPGA bitstream
m2002	GL300 Main board	C1_FW, P3S_FW, P3XS_FW, P3X_FW	RC FPGA bitstream
m2003	GL300 Main board	C1_FW	RC FPGA bitstream
ublox M8	P3 P4 GPS Module board	n/a	GPS programming
DSPIC33 gimbal arm	WM320 Gimbal top board, WM320 Gimbal driver roll, WM320 Gimbal driver pitch	n/a	Gimbal arm control

This page is created by drone enthusiasts for drone enthusiasts.

If you see a mistake, or you know more about specific subject, or you see an area for improvement for the wiki - create an issue in this project and attach your patch (or describe the change you propose).

Pages 122

Find a Page...

Home
Abbreviations
CV310 Gimbal top board
DJI Firmwares
DJI Hardware
FC200 Live View Encoder board
FC200 Power board
FC200 SD Encoder board
FC200 Wifi board
FC40 Camera board
Firmware DSPIC33 gimbal arm
Firmware m0100
Firmware m0101
Firmware m0305
Firmware m0306

Show 107 more pages...

Clone this wiki locally

https://github.com/o-gs

© 2020 GitHub, Inc. Terms Privacy Security Status Help

Contact GitHub Pricing API Training Blog About