

DSM Data Sending Parameters ID

[Main Page](#) > [Video Solutions](#) > [DSM](#) > **DSM Data Sending Parameters ID**



Contents

- [1 DSM Camera configurable parameters](#)
- [2 DSM I/O elements](#)

DSM Camera configurable parameters

Table below consists of parameters which can be configured using FMX640 device.

Parameter name	Parameter ID	Parameter values	Default values
	FMx6yy		
COM1 settings	151	49 - DSM	0
COM2 settings	173	46 - DSM	0
Drowsiness function	123000	0 - Disabled 1 - Enabled	0
Drowsiness event sound type	123001	[0-2]	0
Drowsiness event vibration	123002	0 - Disabled 1 - Enabled	0
Drowsiness event sensitivity	123003	1 - Least sensitive [1-3]	1
Working speed source	123004	0 - Global (same for all events) 1 - Individual	0
Distraction function	123005	0 - Disabled 1 - Enabled	0
Distraction event sound type	123006	[0 - 2]	0
Distraction event vibration	123007	0 - Disabled 1 - Enabled	0
Distraction event sensitivity	123008	1 - Least sensitive [1-3]	1
Phone function	123009	0 - Disabled 1 - Enabled	0
Phone event sound type	123010	[0 - 2]	0
Phone event vibration	123011	0 - Disabled 1 - Enabled	0
Phone event sensitivity	123012	1 - Least sensitive [1-3]	1
Smoking function	123013	0 - Disabled 1 - Enabled	0
Smoking event sound type	123014	[0 - 2]	0
Smoking event vibration	123015	0 - Disabled 1 - Enabled	0
Smoking event sensitivity	123016	1 - Least sensitive [1-3]	1
Yawning function	123017	0 - Disabled 1 - Enabled	0
Yawning event sound type	123018	[0 - 2]	0
Yawning event vibration	123019	0 - Disabled 1 - Enabled	0
Yawning event sensitivity	123020	1 - Least sensitive [1-3]	1
Measurement units	123021	1 - Metric 2 - Imperial	1
Event Sound level	123022	1 - lowest [1 - 4]	1
Working speed (global)	123023	[0 - 255] km/h or mi/h	0
Voice recording	123024	0 - Disabled 1 - Enabled	0
G-sensor sensitivity	123025	1 - lowest [1 - 5]	1
Log	123026	RESERVED 0 - Disabled 1 - Enabled	0
Recording ratio	123027	• 0 - 8:1:1 • 1 - 7:1:2 • 2 - 6:2:2 • 3 - 6:1:3 • 4 - 5:2:3 • 5 - 4:2:4 • 6 - 3:2:5 • 7 - 2:2:6 • 8 - 1:1:8 • 9 - 10:0:0 • 10 - 0:0:10	0
Video format	123028	0 - NTSC 1 - PAL	0

Overlay text	123029	0 - Disabled 1 - Enabled	0
Automatic transmit (drowsiness)	123030	0 - Disabled 1 - Enabled	0
Camera block repeat alarm	123031	0 - Disabled 1 - Enabled	0
Automatic transmit (global)	123032	0 - Disabled 1 - Enabled	0
Automatic transmit (distraction)	123033	0 - Disabled 1 - Enabled	0
Automatic transmit (phone)	123034	0 - Disabled 1 - Enabled	0
Automatic transmit (smoking)	123035	0 - Disabled 1 - Enabled	0
HW switch	123036	RESERVED 0 - Disabled 1 - Enabled	0
Mirror display	123037	0 - Disabled 1 - Enabled	0
Test mode	123038	RESERVED 0 - Disabled 1 - Enabled	0
Type of transmit	123039	RESERVED 0 - Snapshot 1 - Video	0
Timeout feature	123040	RESERVED 0 - Disabled 1 - Enabled	0
Working speed (drowsiness)	123041	[0 - 255] km/h or mi/h	0
Working speed (distraction)	123042	[0 - 255] km/h or mi/h	0
Working speed (yawning)	123043	[0 - 255] km/h or mi/h	0
Working speed (phone)	123044	[0 - 255] km/h or mi/h	0
Working speed (smoking)	123045	[0 - 255] km/h or mi/h	0
File upload server domain	123046	Max. 55 characters	""
File upload server port	123047	[0 - 65535]	0
Periodic image sending function	123048	0 - Disabled 1 - Enabled	0
Periodic image sending interval	123049	[60 - 3600] seconds • 0 (0x0000) - None • 1 (0x0001) - DIN1 • 2 (0x0002) - DIN2 • 4 (0x0004) - DIN3 • 8 (0x0008) - DIN4 • 16 (0x0010) - Crash • 32 (0x0020) - Towing • 64 (0x0040) - Idling • 128 (0x0080) - Geofence • 256 (0x0100) - Unplug (ignition) • 512 (0x0200) - Green driving	600
Image sending trigger	123050		0

DSM I/O elements

Parameter name	AVL ID	Parameter ID	Parameter values
		FMx6yy	
Drowsiness	11700	123200	Driver drowsiness event 0 - Inactive 1 - Detected
Distraction	11701	123210	Driver distraction event 0 - Inactive 1 - Detected
Yawning	11702	123220	Driver yawning event 0 - Inactive 1 - Detected
Phone	11703	123230	Driver phone event 0 - Inactive 1 - Detected
Smoking	11704	123240	Driver smoking event 0 - Inactive 1 - Detected
Driver absence	11705	123250	Driver absence event 0 - Inactive 1 - Detected
Mask	11706	123260	Driver mask event 0 - Inactive 1 - Detected
G-sensor	11707	123270	G-sensor event 0 - Inactive 1 - Detected
Active driver name	11708	123280	Max. 10 characters
Recording status	11709	123290	Camera recording status 0 - None 1 - Recording (mic off) 2 - Recording (mic on)
GPS status	11710	123300	Camera GPS status 0 - None 1 - Connected (no data) 2 - Connected (valid data)
Speed	11711	123310	Vehicle speed according to camera [0 - 255] km/h or mi/h

Error code	11712	123320	Sum of individual error values • (0x00 - no error) • Bit 0 (0x01) - Camera fail (0: none, 1: active) • Bit 1 (0x02) - GPS fail (0: none, 1: active) • Bit 2 (0x04) - CAN fail (0: none, 1: active) • Bit 4 (0x10) - Camera blocked (0: none, 1: active) • [0x00 - 0x17]
Seatbelt	11713	123330	Seatbelt reminder status 0 - Inactive 1 - Detected
State	11714	123340	Camera state 0 - unknown 1 - ready 2 - no communication 3 - updating firmware 4 - downloading snapshot 5 - uploading files to the server 6 - rebooting 7 - remounting SD