

# Template:FM36 Features Parameters

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## Green Driving scenario

### Over Speeding

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1600	U8	0	0	3	0 - disable 1 - Dout not control scenario 2 - Dout1 controls scenario 3 - Dout2 controls scenario	Green Driving scenario
1602	Float	0.25	0.25	0.85	G	Max Acceleration Force
1603	Float	0.25	0.35	0.85	G	Max Braking Force
1604	U16	0.3	0.1	1.0	G	Max Cornering Force
1605	U16	0	0	260	km/h	Max allowed Speed
1909	U8	0	0	1	0 - GPS 1 - Accelerometer	Green Driving Source

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1601	U8	0	0	3	0 - disable 1 - Dout not control scenario 2 - Dout1 controls scenario 3 - Dout2 controls scenario	OverSpeeding scenario

## Jamming

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		

1606	U8	0	0	3	0 - disable 1 - Dout not control scenario 2 - Dout1 controls scenario 3 - Dout2 controls scenario	Jamming detection scenario
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## Immobilizer

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1607	U8	0	0	3	0 - disable 1 - Dout not control scenario 2 - Dout1 controls scenario 3 - Dout2 controls scenario	Immobilizer scenario
1609	U8	30	5	65535	seconds	Immobilizer ignition timeout
1608	U8	0	0	1	0 - disable 1 - enabled	iButton list checking scenario

## Excessive Idling detection

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1610	U8	0	0	1	0 - disable 1 - enable	Excessive Idling detection
1611	U8	0	0	255	seconds	Time to stationary
1612	U8	0	0	255	seconds	Time to movement

## Trip

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1280	U8	0	0	1	0 - disable 1 - enable	Trip start/stop detection
1281	U8	5	0	255	km/h	Start Speed
1282	U16	60	0	65535	seconds	Ignition Off Timeout
1283	U8	0	0	2	0 - Between records 1 - Continuous trip	Trip distance mode
1284	Uint8	-	0	1	0 - disable 1 - enable	Enable odometer value setting
1285	U32	1	0	4294967295	meters	Continuous odometer value
1286	U8	0	0	1	0 - disable 1 - enable	Name

## Geofencing

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1020	U32	1000	0	1000000	meters	Frame border
<b>Geofence Zone #1 parameters</b>						
1030	U8	0	0	1	0 - circle 1 - rectangle	Geofence Zone #1 Shape

1031	U8	0	0	3	0 - disabled 1 - low 2 - high 3 - panic	Geofence Zone #1 Priority
1032	U8	0	0	2	0 - On exiting zone 1 - On entering zone 2 - On both	Geofence Zone #1 Generate Event
1033	Float	-	-180	180	number	Geofence Zone #1 Longitude (X1)
1034	Float	-	-90	90	number	Geofence Zone #1 Latitude (Y1)
<b>if parameter Geofence Zone #1 Shape (1030) - rectangle</b>						
1035	Float	0	-180	180	number	Geofence Zone #1 Longitude (X2)
1036	Float	0	-90	90	number	Geofence Zone #1 Latitude (Y2)
<b>if parameter Geofence Zone #1 Shape (1030) - circle</b>						
1035	Float	0	0	1000000	meter	Geofence Zone #1 radius
1036	If shape is circle, parameter ID = 1036 is not used.					
<b>Geofence Zone #2 parameters</b>						
1040	U8	0	0	1	0 - circle 1 - rectangle	Geofence Zone #2 Shape
1041	U8	0	0	3	0 - disabled 1 - low 2 - high 3 - panic	Geofence Zone #2 Priority
1042	U8	0	0	2	0 - On exiting zone 1 - On entering zone 2 - On both	Geofence Zone #2 Generate Event
1043	Float	-	-180	180	number	Geofence Zone #2 Longitude (X1)
1044	Float	-	-90	90	number	Geofence Zone #2 Latitude (Y1)
<b>if parameter Geofence Zone #2 Shape (1040) - rectangle</b>						
1045	Float	0	-180	180	number	Geofence Zone #2 Longitude (X2)
1046	Float	0	-90	90	number	Geofence Zone #2 Latitude (Y2)
<b>if parameter Geofence Zone #2 Shape (1040) - circle</b>						
1045	Float	0	0	1000000	meter	Geofence Zone #2 radius
1046	If shape is circle, parameter ID = 1046 is not used.					
<b>Geofence Zone #3 parameters</b>						
1050	U8	0	0	1	0 - circle 1 - rectangle	Geofence Zone #3 Shape
1051	U8	0	0	3	0 - disabled 1 - low 2 - high 3 - panic	Geofence Zone #3 Priority
1052	U8	0	0	2	0 - On exiting zone 1 - On entering zone 2 - On both	Geofence Zone #3 Generate Event
1053	Float	-	-180	180	number	Geofence Zone #3 Longitude (X1)
1054	Float	-	-90	90	number	Geofence Zone #3 Latitude (Y1)
<b>if parameter Geofence Zone #3 Shape (1050) - rectangle</b>						
1055	Float	0	-180	180	number	Geofence Zone #3 Longitude (X2)
1056	Float	0	-90	90	number	Geofence Zone #3 Latitude (Y2)

if parameter Geofence Zone #3 Shape (1050) - circle						
1055	Float	0	0	1000000	meter	Geofence Zone #3 radius
1056	If shape is circle, parameter ID = 1056 is not used.					
Geofence Zone #4 parameters						
1060	U8	0	0	1	0 - circle 1 - rectangle	Geofence Zone #4 Shape
1061	U8	0	0	3	0 - disabled 1 - low 2 - high 3 - panic	Geofence Zone #4 Priority
1062	U8	0	0	2	0 - On exiting zone 1 - On entering zone 2 - On both	Geofence Zone #4 Generate Event
1063	Float	-	-180	180	number	Geofence Zone #4 Longitude (X1)
1064	Float	-	-90	90	number	Geofence Zone #4 Latitude (Y1)
if parameter Geofence Zone #4 Shape (1060) - rectangle						
1065	Float	0	-180	180	number	Geofence Zone #4 Longitude (X2)
1066	Float	0	-90	90	number	Geofence Zone #4 Latitude (Y2)
if parameter Geofence Zone #4 Shape (1060) - circle						
1065	Float	0	0	1000000	meter	Geofence Zone #4 radius
1066	If shape is circle, parameter ID = 1066 is not used.					
Geofence Zone #5 parameters						
1070	U8	0	0	1	0 - circle 1 - rectangle	Geofence Zone #5 Shape
1071	U8	0	0	3	0 - disabled 1 - low 2 - high 3 - panic	Geofence Zone #5 Priority
1072	U8	0	0	2	0 - On exiting zone 1 - On entering zone 2 - On both	Geofence Zone #5 Generate Event
1073	Float	-	-180	180	number	Geofence Zone #5 Longitude (X1)
1074	Float	-	-90	90	number	Geofence Zone #5 Latitude (Y1)
if parameter Geofence Zone #5 Shape (1070) - rectangle						
1075	Float	0	-180	180	number	Geofence Zone #5 Longitude (X2)
1076	Float	0	-90	90	number	Geofence Zone #5 Latitude (Y2)
if parameter Geofence Zone #5 Shape (1070) - circle						
1075	Float	0	0	1000000	meter	Geofence Zone #5 radius
1076	If shape is circle, parameter ID = 1076 is not used.					

## Crash Detection

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1615	U8	0	0	2	0 - disable 1 - low 2 - high	Crash Detection
1616	U8	2000	16	8000	mG	Crash detection threshold

1617

U8

10

0

635

seconds

Crash detection  
duration