Template:FM36 I/O parameters Parameters

I/O properties are additional data sources which are recorded along with usual GPS data.

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
2000	S8	1	0	3	0 – Disabled 1 – Low 2 – High 3 – Panic	I/O#1 Priority
2003	S32	0	-2147483647	2147483647		I/O#1 High level
2002	S32	0	-2147483647	2147483647		I/O#1 Low level
2001	S8	3	0	5	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – Hysteresis 5 – On Change	I/O#1 Event Generation Type
2004	S32	10	0	2592000		I/O#1 Averaging Constant

Other I/O property elements can be configured in same logic. All I/O element parameters are listed in the next table.

I/O Element Number	I/O element parameters
Digital Input 1	2000-2004
Digital Input 2	2010-2014
Digital Input 3	2020-2024
Digital Input 4	2030-2034
Analog Input 1	2040-2044
Analog Input 2	2050-2054
GNS Sense	2060-2064
Digital Output 1	2070-2074
Digital Output 2	2080-2084
Digital Output 3	2090-2094
Digital Output 4	2100-2104
GNSS PDOP	2110-2114
GNSS HDOP	2120-2124
External Voltage	2130-2134
GNSS Power	2140-2144
Movement Sensor	2150-2154
Odometer Value	2160-2164
GSM Operator	2170-2174
Speed	2180-2184
iButton ID	2190-2194
Data Mode	2200-2204

GSM Signal	2210-2214
Deep Sleep	2220-2224
Cell ID	2230-2234
Area Code	2240-2244
Dallas Temperature 1	2250-2254
Dallas Temperature 2	2260-2264
Dallas Temperature 3	2270-2274
ICCID	2280-2284
IMSI	2290-2294
Ignition On Counter	2300-2304

CAN Element Number	CAN element parameters
LVC Vehicle Speed	2580-2584
LVC Accelerator Pedal Position	2590-2594
LVC Fuel Consumed	2600-2604
LVC Fuel Level (liters)	2610-2614
LVC Engine RPM	2620-2624
LVC Total Mileage	2630-2634
LVC Fuel Level (percent)	2640-2644
LVC Program Number	2650-2654
LVC ModuleID	2660-2664
LVC Engine Work Time	2670-2674
LVC Engine Work Time (counted)	2680-2684
LVC Total Mileage (counted)	2690-2694
LVC Fuel Consumed (counted	2700-2704
LVC Fuel Rate	2710-2714
LVC AdBlue Level (percent)	2720-2724
LVC AdBlue Level (liters)	2730-2734
LVC Engine Load	2740-2744
LVC Engine Temperature	2750-2754
LVC Axle 1 Load	2760-2764

LVC Axle 2 Load	2770-2774
LVC Axle 3 Load	2780-2784
LVC Axle 4 Load	2790-2794
LVC Axle 5 Load	2800-2804
LVC Control State Flags	2810-2814
LVC Agricultural Machinery Flags	2820-2824
LVC Harvesting Time	2830-2834
LVC Area of Harvest	2840-2844
LVC Mowing Efficiency	2850-2854
LVC Grain Mown Volume	2860-2864
LVC Grain Moisture	2870-2874
LVC Harvesting Drum RPM	2880-2884
LVC Gap Under Harvesting Drum	2890-2894
LVC Security State Flags	2900-2904
LVC Tacho Total Vehicle Distance	2910-2914
LVC Trip Distance	2920-2924
LVC Tacho Vehicle Speed	2930-2934
LVC Tacho Driver Card Presence	2940-2944
LVC Driver1 States	2950-2954
LVC Driver2 States	2960-2964
LVC Driver1 Continuous Driving Time	2970-2974
LVC Driver2 Continuous Driving Time	2980-2984
LVC Driver1 Cumulative Break Time	2990-2994
LVC Driver2 Cumulative Break Time	3000-3004
LVC Driver1 Duration Of Selected Activity	3010-3014

LVC Driver2 Duration Of Selected Activity	3020-3024
LVC Driver1 Cumulative Driving Time	3030-3034
LVC Driver2 Cumulative Driving Time	3040-3044
LVC Driver1 ID High	3050-3054
LVC Driver1 ID Low	3060-3064
LVC Driver2 ID High	3070-3074
LVC Driver2 ID Low	3080-3084
LVC Battery Temperature	3090-3094
LVC Battery Level (percent)	3100-3104
LVC Door Status	3110-3114
LVC DTC Errors	3120-3124
LVC Slope of Arm	3130-3134
LVC Rotation of Arm	3140-3144
LVC Eject of Arm	3150-3154
LVC Horizontal Dist Arm Vechicle	3160-3164
LVC Height Arm Above Ground	3170-3174
LVC Drill RPM	3180-3184
LVC Amount of Spread Salt Square Meter	3190-3194
LVC Battery Voltage	3200-3204
LVC Amount Spread Fine Grained Salt	3210-3214
LVC Amount Spread Coarse Grained Salt	3220-3224
LVC Amount Spread DiMix	3230-3234
LVC Amount Spread Coarse Grained Calcium	3240-3244

LVC Amount Spread Calcium Chloride	3250-3254
LVC Amount Spread Sodium Chloride	3260-3264
LVC Amount Spread Magnesium Chloride	3270-3274
LVC Amount Spread Gravel	3280-3284
LVC Amount Spread Sand	3290-3294
LVC Width Pouring Left	3300-3304
LVC Width Pouring Right	3310-3314
LVC Salt Spreader Work Hours	3320-3324
LVC Distance During Salting	3330-3334
LVC Load Weight	3340-3344
LVC Retarder Load	3350-3354
LVC Time On Cruise Control	3360-3364
LVC CNG Status	3370-3374
LVC CNG Used	3380-3384
LVC CNG Level	3390-3394
LVC Oil Level	3400-3404
LVC Vehicles Range On Additional Fuel	3410-3414
LVC Vehicles Range On Battery	3420-3424
LVC DTC Index	3430-3434
LVC DTC Code	3440-3444