Extended tag list

№	Tag		Description	Parameter		
				Length, byte	Format	Example
1	0x0001	0001	Tag Modbus 0	4	The result value must be divided by 100	
2	0x0002	0002	Tag Modbus 1	4	The result value must be divided by 100	
3	0x0003	0003	Tag Modbus 2	4	The result value must be divided by 100	
4	0x0004	0004	Tag Modbus 3	4	The result value must be divided by 100	
5	0x0005	0005	Tag Modbus 4	4	The result value must be divided by 100	
6	0x0006	0006	Tag Modbus 5	4	The result value must be divided by 100	
7	0x0007	0007	Tag Modbus 6	4	The result value must be divided by 100	
8	0x0008	0008	Tag Modbus 7	4	The result value must be divided by 100	
9	0x0009	0009	Tag Modbus 8	4	The result value must be divided by 100	
10	0x0010	0010	Tag Modbus 9	4	The result value must be divided by 100	
11	0x0011	0011	Tag Modbus 10	4	The result value must be divided by 100	
12	0x0012	0012	Tag Modbus 11	4	The result value must be divided by 100	
13	0x0013	0013	Tag Modbus 12	4	The result value must be divided by 100	
14	0x0014	0014	Tag Modbus 13	4	The result value must be divided by 100	
15	0x0015	0015	Tag Modbus 14	4	The result value must be divided by 100	
16	0x0016	0016	Tag Modbus 15	4	The result value must be divided by 100	
17	0x0017	0017	Tag Modbus 16	4	The result value must be divided by 100	
18	0x0018	0018	Tag Modbus 17	4	The result value must be divided by 100	
19	0x0019	0019	Tag Modbus 18	4	The result value must be divided by 100	
20	0x0020	0020	Tag Modbus 19	4	The result value must be divided by 100	
21	0x0021	0021	Tag Modbus 20	4	The result value must be divided by 100	
22	0x0022	0022	Tag Modbus 21	4	The result value must be divided by 100	
23	0x0023	0023	Tag Modbus 22	4	The result value must be divided by 100	
24	0x0024	0024	Tag Modbus 23	4	The result value must be divided by 100	
25	0x0025	0025	Tag Modbus 24	4	The result value must be divided by 100	
26	0x0026	0026	Tag Modbus 25	4	The result value must be divided by 100	
27	0x0027	0027	Tag Modbus 26	4	The result value must be divided by 100	
28	0x0028	0028	Tag Modbus 27	4	The result value must be divided by 100	
29	0x0029	0029	Tag Modbus 28	4	The result value must be divided by 100	
30	0x0030	0030	Tag Modbus 29	4	The result value must be divided by 100	
31	0x0031	0031	Tag Modbus 30	4	The result value must be divided by 100	
21	0x0021	0021	Tag Bluetooth 0	4		
1-62 Bluetooth tags						
84	0x0060	0060	Tag Bluetooth 63	4		
85	0x0061	0061	Tag Modbus 32	4	The result value must be divided by 100	
Tags Modbus with numbers 33-62						
128	0x0080	0080	Tag Modbus 63	4	The result value must be divided by 100	
129	0x0081	0081	Cell identifier (CID)	2		
130	0x0082	0082	Local area code (LAC)	2		
131	0x0083	0083	Country code (MCC)	2		
132	0x0084	0084	Operator code (MNC)	2		
133	0x0085	0085	RSSI	1		
134	0x0086	0086	Temperature sensor extended value tag 0	4		8600 0600801A 0600 — unsigned integer sensor ID (6), 801A — real sign value (6784), the value must be divided by 256 (26,5)
Extended temperature sensor tags numbered 1-6						
141	0x008D	008D	Temperature sensor extended value tag 7	4		8D00 7F000080 7F00 — unsigned integer sensor ID (127), 0080 — real sign value (-32768), the value must be divided by 256 (-128)
142	0x008E	008E	GPS satellite information tag	4		8E00 0A051EAE 0A – number of visible - 10 (1 byte, unsigned integer) 05 — number of used - 5 (1 byte, unsigned integer) 1E – SNR (signal/noise) average - 30 (1 byte, unsigned integer) 33 – SNR max - 51 (1 byte, unsigned integer)
143	0x008F	008F	GLONASS satellite information tag	4		
144	0x0090	0090	BAIDOU satellite information tag	4		
145	0x0091	0091	GALILEO satellite information tag	4		
146	0x0092	0092	Active SIM IMSI tag in hexadecimal ASCII format	15		9200 32353039393832303730323930353 1, where 323530393938323037303239303531 = 250998207029051
147	0x0093	0093	Currently used SIM card slot	1		
148	0x0094	0094	Active SIM CCID tag	20		
153	0x00A4	00A4	Modem WIFI Status	1		Tag value: 0 - Wi-Fi module disabled 1 - Turn on Wi-Fi. 2 - Turn off Wi-Fi. 3 - Set Wi-Fi to initial state. 4 - Select Wi-Fi. 5 mode - Get a list of available Wi-Fi networks. Used to scan surrounding networks. 6 - Connect to a given Wi-Fi network (access point, AP) . 7 - Start your own access point. This state enables AP mode on the terminal, allowing other devices to connect to it. 8 - Starting the server on the AP. The server on the terminal is activated when it operates as an access point. 9 - Server session. In this mode, clients receive connections to the terminal server and process data from them. 10 - Activation of client mode (STA) when the terminal is connected to a Wi-Fi network (access point, AP) . 11 - Session in client mode. In this mode, the terminal connects to the specified servers and exchanges data with them.
154	0x00A5	00A5	Current WIFI error code	1		Tag value: 0 - No errors. Indicates no errors during Wi-Fi. 1 - operation - TCP initialization failed. Indicates a problem initializing the TCP connection. 2 - Driver initialization error. Indicates a problem when starting or initializing the driver Wi-Fi. 3 - Firmware download error. Indicates a problem when downloading or updating Wi-Fi firmware module. 4 - Error setting scan region. Indicates a problem when configuring the region to find available networks. 5 - Deinitialization error. Indicates a problem when shutting down or clearing Wi-Fi resources on the module. 6 - M2M connection error. Indicates a problem establishing a connection between M2M (Machine-to-Machine) devices.

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				Length, byte	Format	Example
						7 - Access Point (AP) connection failure. Indicates a problem when trying to connect to a Wi-Fi network. 8 - Access point startup error. Indicates a problem when trying to start the device in access point mode. 9 - Error getting RSSI value (signal strength). Indicates a problem while trying to measure the Wi-Fi signal level. 10 - Access point disconnect error. Indicates a problem when trying to disable access point mode. 11 - Client Shutdown Error (STA). Indicates a problem when trying to disable client mode Wi-Fi. 12 - WLAN break time error. Indicates a problem with the connection break time interval Wi-Fi. 13 - Error getting firmware information. Indicates a problem when trying to get information about the current firmware version. 14 - Error getting MAC address. Indicates a problem when trying to get the Wi-Fi MAC address of the module.
155	0x00A6	00A6	GSM modem status	1		Tag Value: 0 - Initialized. Indicates that the system has been successfully initialized and is running normally. 1 - Powered up. Indicates that the device is powered on and running. 2 - Session restart required. Indicates that the GPRS session will be restarted. 3 - Module restart required. Indicates whether the device module will be restarted. 4 - Power is off. Indicates that the device is powered off.
156	0x00A7	00A7	Network registration status	1		Tag value: 0 - Not registered, the device does not look for an operator to register. Indicates that the device is not registered on the network and is not currently looking for available operators to connect. 1 - Registered, home network. Indicates that the device has successfully registered with its home network. 2 - Not registered, but the device is currently looking for a new operator to register. Indicates that the device is not registered but is actively looking for available networks to connect. 3 - Registration denied. Indicates that an attempt to register with the network has been rejected. 4 - Unknown (e.g. out of GERAN/UTRAN coverage). Indicates that the registration status is unknown, possibly due to lack of network coverage. 5 - Registered, roaming. Indicates that the device is registered on the network but roaming (outside the home network). 6 - Registered for "SMS only," home network. Indicates that the device is registered on its home network, but only for sending and receiving SMS. 7 - Registered for SMS only, roaming. Indicates that the device is registered to send and receive SMS while roaming. 8 - Counter of registration status types. Specifies the number of different types of registration statuss. 255 - Undefined. Indicates that the registration status is uncertain or unknown.
157	0x00A8	00A8	GPRS status	1		Established GPRS Session Feature: 1 - Session Active 0 - Session Inactive
158	0x00A9	00A9	Amount of free RAM	4	Unsigned integer. Value in bytes	
160	0x00AB	00AB	Status of records in archive	12	Byte 0-3: total number of points (unsigned integer) Bytes 4-7: number of points sent to primary server (unsigned integer) Bytes 8-11: number of points sent to secondary server (unsigned integer)	2E3F0000 3E020000 DD040000, where 00003F2E is the unsigned integer total number of points (16174) 00003E02 is the unsigned integer number of points sent to the primary server (15874) 000004DD is the unsigned integer number of points sent to the secondary server (1245)
161	0x00AC	00AC	Number of the last record in the archive	4	Unsigned integer	
163	0x00AD	00AD	MAC address WiFi	6	MAC address in HEX format	0080C25E265A
162	0x00AE	00AE	MAC address BLE	6	MAC address in HEX format	80EACA004F3A
164	0x00AF	00AF	self-troubleshooting	14	Data Structure: Bytes 0-7: Last Reset Date and Time (UNIX time) Bytes 8-9: Device Reboot Reason Bytes 10-13: Number of reboots due to 8-9 bytes	1700 - System error in autoinformer operation 100 - System error in GNSS module operation 0 - System error during GPRS 1200 - operation - System error in power supply circuit 400 - System error when working with SD card or eMMC memory 500 - Task system error I2C 503 - Accelerometer System Error 600 - 1-Wire 1300 Interface System Error - System Task Error Outs 1301 - Output State Control Errors 1400 - System error in processing IN 1401 input states - System error in system power control (Battery, USB, external voltage) 1602 - Audio system error (autoinformer, voice communication on terminals with ublox 3G) 300 - System error when writing to memory 301 - System error when reading from memory 1900-1908 - Processor errors 8982DF6700000000 F701 09000000, where 0000000067DF8289 - date 03.23.2025 03:39:53 (1742701193 sec) 01F7 - unsigned integer reason for rebooting the device (503) 00000009 - unsigned integer number of reboots of the device (9)
165	0x00B0	00B0	Total mean SNR	1	Unsigned integer	If value: > 50 - level excellent from 30 to 50 - level good from 10 to 30 - level satisfactory < 10 - level poor
166	0x00B1	00B1	SD card status	1	Unsigned integer	Tag value: 0 - Initialize and power up. 1 - Initialize MSD 2 - mode - MSD 3 - mode - Mount FS 4 - Monitor terminal, memory card and file system 5 - Deinitialize SD card
167	0x00B2	00B2	SD card errors	1	Unsigned integer	Tag Value: 0 - No Errors 1 - SD Card Not Found or No External Feed 2 - Failed to Mark File as Shipped 3 - Failed to Get Main Data Package

Extended tag list

№	Tag		Description	Parameter		
				Length, byte	Format	Example
						4 - Failed to Mark Record 5 - Failed to Write
168	0x00B3	00B3	Collector Archive Status	12	Byte 0-3: Total packets (unsigned integer) Bytes 4-7: Number of packets sent to primary server (unsigned integer) Bytes 8-11: Reserve	2E3F0000 3E020000 DD040000 where 00003F2E is the unsigned integer total number of packets (16174) 00003E02 is the unsigned integer number of packets sent to the primary server (15874)
169	0x00B4	00B4	Client MAC address 1	6	MAC address in HEX format	0080C25E4F3A
170	0x00B5	00B5	Client MAC address 2	6	MAC address in HEX format	
171	0x00B6	00B6	Client MAC address 3	6	MAC address in HEX format	
217	0x00D9	00D9	TMPS wheel tag 0	3		Structure of the data from the sensor: **Byte 0**: unsigned integer, tyre pressure, psi **Byte 1**: signed integer, temperature, °C **Byte 2**: Bit 0: 1 - no communication with sensor. 0 - sensor is communicating Bit 1: sign of low sensor battery or sensor error Bit 2-4: the reason for sending data from the sensor 000 - periodic sending. 001 - 10% pressure loss for PressurePro or 12.5% TPMS. 010 - 20% pressure loss for PressurePro or 25% pressure loss for TPMS. 100 - high temperature for TPMS. 101 - rapid pressure drop for TPMS. 011 - 50% loss of pressure for TPMS. 110 - tyre re-inflated for PressurePro or high pressure for TPMS. 111 - New Magnet for PressurePro
TMPS wheel tags 217 to 250						
250	0x00FA	00FA	TMPS wheel tag 33	3		
252	0x00FC	00FC	Reason for recording an archive point	1		Tag values: 1 - Periodic recording by device settings 2 - iButton key events 3 - Data from DataCOLD500 received 4 - Data from EuroScan received 5 - Data from ThermoKing received 8 - Device status changed 9 - User record from pawn algorithm or script 10 - Inputs event 11 - Distance specified by the user in the settings was covered 12 - Alarm by signalling settings was triggered 13 - Emergency signal
253	0x00FD	00FD	iButton64 tag	8		
254	0x00FE	00FE	iButton64 2 tag	8		
10020	0x2724	2724	Engine Coolant Pressure 1 (Extended Range), kPa	size depends on the tag content		
SPN tags 10021 to 32768						
32769	0x8001	8001	Brake Wear Life Remaining, Trailer Axle #8, Left Wheel, %	size depends on the tag content		