

AirGate-3G

MODBUS COMMUNICATION MANUAL

INTRODUCTION

AirGate-3G has many communication interfaces. Among all of them, we can highlight a couple that can be used with Modbus protocol:

- Ethernet, acting as a server in Modbus TCP protocol.
- Cellular, acting as server in Modbus TCP protocol.

This manual contains all needed information to read AirGate-3G input channels data without using the WebGUI configurator.

MODBUS COMMANDS

The only Modbus command (or function) implemented is the

READ HOLDING REGISTERS – 03H

This command can be used to read one or more holding registers, as listed in a table in the next chapter.

In order to get more information about this command and about Modbus protocol in general, check the website:

http://www.modbus.org

HOLDING REGISTERS TABLE

This table should be mapped as a Modbus Holding Register table, so it can be read by external Modbus masters. All Holding Registers are read only registers.

The specified *addresses* are related to the low-level physical addresses, where zero (0) means the PLC address 40001. *Minimum* and *Maximum* columns have the valid range for each parameter. All holding registers are read-only (R).

Address	Description	Minimum	Maximum
0	Serial number (word high)	0	65535
1	Serial number (word middle)	0	65535
2	Serial number (word low)	0	65535
3	Signal level in dB (signed 16-bit integer)		
4	Connection Status (unsigned 16-bit integer)		
5	Digital input 1 state	0	1
6	Digital input 1 counting value (unsigned 32-bit integer – word high)	0	420 4007205
7	Digital input 1 counting value (unsigned 32-bit integer – word low)	0	4294967295
8	Digital input 2 state	0	1
9	Digital input 2 counting value (unsigned 32-bit integer – word high)		4294967295
10	Digital input 2 counting value (unsigned 32-bit integer – word low)	0	
11	Remote channel 1 value (signed 16-bit integer) or (floating point – word high)	0.4.00	+3.4e+38
12	Remote channel 1 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
13	Remote channel 2 value (signed 16-bit integer) or (floating point – word high)	0.4.00	+3.4e+38
14	Remote channel 2 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
15	Remote channel 3 value (signed 16-bit integer) or (floating point – word high)	0.400	+3.4e+38
16	Remote channel 3 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
17	Remote channel 4 value (signed 16-bit integer) or (floating point – word high)	0.400	+3.4e+38
18	Remote channel 4 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
19	Remote channel 5 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
20	Remote channel 5 value (signed 16-bit integer) or (floating point – word low)		
21	Remote channel 6 value (signed 16-bit integer) or (floating point – word high)		+3.4e+38
22	Remote channel 6 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
23	Remote channel 7 value (signed 16-bit integer) or (floating point – word high)	0.4.00	+3.4e+38
24	Remote channel 7 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
25	Remote channel 8 value (signed 16-bit integer) or (floating point – word high)	0.400	.0.400
26	Remote channel 8 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38

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27	Remote channel 9 value (signed 16-bit integer) or (floating point – word high)		
28	Remote channel 9 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
29	Remote channel 10 value (signed 16-bit integer or (floating point – word high)		
30	Remote channel 10 value (signed 16-bit integer or (floating point – word low)	-3.4e+38	+3.4e+38
31	Remote channel 11 value (signed 16-bit integer or (floating point – word high)		
32	Remote channel 11 value (signed 16-bit integer or (floating point – word low)	-3.4e+38	+3.4e+38
33	Remote channel 12 value (signed 16-bit integer or (floating point – word high)		
34	Remote channel 12 value (signed 16-bit integer or (floating point – word low)	-3.4e+38	+3.4e+38
35	Remote channel 13 value (signed 16-bit integer) or (floating point – word high)		
36	Remote channel 13 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
37	Remote channel 14 value (signed 16-bit integer) or (floating point – word high)		
38	Remote channel 14 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
39	Remote channel 15 value (signed 16-bit integer) or (floating point – word high)		
40	Remote channel 15 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
41	Remote channel 16 value (signed 16-bit integer) or (floating point – word high)		
	Remote channel 16 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
42			
43	Remote channel 17 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
44	Remote channel 17 value (signed 16-bit integer) or (floating point – word low)		
45	Remote channel 18 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
46	Remote channel 18 value (signed 16-bit integer) or (floating point – word low)		
47	Remote channel 19 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
48	Remote channel 19 value (signed 16-bit integer) or (floating point – word low)		
49	Remote channel 20 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
50	Remote channel 20 value (signed 16-bit integer) or (floating point – word low)		
51	Remote channel 21 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
52	Remote channel 21 value (signed 16-bit integer) or (floating point – word low)		
53	Remote channel 22 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
54	Remote channel 22 value (signed 16-bit integer) or (floating point – word low)	0.10100	10.10100
55	Remote channel 23 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
56	Remote channel 23 value (signed 16-bit integer) or (floating point – word low)	0.40100	10.40100
57	Remote channel 24 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
58	Remote channel 24 value (signed 16-bit integer) or (floating point – word low)	0.10100	10.10100
59	Remote channel 25 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
60	Remote channel 25 value (signed 16-bit integer) or (floating point – word low)	-0. 4 6+30	+3. 4 6+30
61	Remote channel 26 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
62	Remote channel 26 value (signed 16-bit integer) or (floating point – word low)	-0. 4 6+30	+3. 4 6+30
63	Remote channel 27 value (signed 16-bit integer) or (floating point – word high)	2.40.20	.2.40.20
64	Remote channel 27 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
65	Remote channel 28 value (signed 16-bit integer) or (floating point – word high)	0.4.00	0.4.00
66	Remote channel 28 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
67	Remote channel 29 value (signed 16-bit integer) or (floating point – word high)	0.4.00	
68	Remote channel 29 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
69	Remote channel 30 value (signed 16-bit integer) or (floating point – word high)		
70	Remote channel 30 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
70	Remote channel 31 value (signed 16-bit integer) or (floating point – word high)		
71	· · · · · · · · · · · · · · · · · · ·	-3.4e+38	+3.4e+38
	Remote channel 31 value (signed 16-bit integer) or (floating point – word low)	-3.46+36	
71			
71 72	Remote channel 31 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
71 72 73 74	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high)		+3.4e+38
71 72 73 74 75	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high)		+3.4e+38 +3.4e+38
71 72 73 74 75 76	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	
71 72 73 74 75 76 77	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low) Remote channel 34 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	
71 72 73 74 75 76 77	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low) Remote channel 34 value (signed 16-bit integer) or (floating point – word high) Remote channel 34 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38	+3.4e+38
71 72 73 74 75 76 77 78	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low) Remote channel 34 value (signed 16-bit integer) or (floating point – word high) Remote channel 34 value (signed 16-bit integer) or (floating point – word low) Remote channel 35 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38 -3.4e+38	+3.4e+38
71 72 73 74 75 76 77 78 79	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low) Remote channel 34 value (signed 16-bit integer) or (floating point – word high) Remote channel 34 value (signed 16-bit integer) or (floating point – word low) Remote channel 35 value (signed 16-bit integer) or (floating point – word high) Remote channel 35 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38
71 72 73 74 75 76 77 78 79 80 81	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low) Remote channel 34 value (signed 16-bit integer) or (floating point – word high) Remote channel 34 value (signed 16-bit integer) or (floating point – word low) Remote channel 35 value (signed 16-bit integer) or (floating point – word high) Remote channel 35 value (signed 16-bit integer) or (floating point – word low) Remote channel 36 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38
71 72 73 74 75 76 77 78 79	Remote channel 31 value (signed 16-bit integer) or (floating point – word low) Remote channel 32 value (signed 16-bit integer) or (floating point – word high) Remote channel 32 value (signed 16-bit integer) or (floating point – word low) Remote channel 33 value (signed 16-bit integer) or (floating point – word high) Remote channel 33 value (signed 16-bit integer) or (floating point – word low) Remote channel 34 value (signed 16-bit integer) or (floating point – word high) Remote channel 34 value (signed 16-bit integer) or (floating point – word low) Remote channel 35 value (signed 16-bit integer) or (floating point – word high) Remote channel 35 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38

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0.5	Remote channel 29 value (signed 16 hit integer) or (fleeting point, word high)		
85	Remote channel 38 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
86	Remote channel 38 value (signed 16-bit integer) or (floating point – word low)		
87	Remote channel 39 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
88	Remote channel 39 value (signed 16-bit integer) or (floating point – word low)		
89	Remote channel 40 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
90	Remote channel 40 value (signed 16-bit integer) or (floating point – word low)	0.10100	10.10100
91	Remote channel 41 value (signed 16-bit integer) or (floating point – word high)	0.400	.0.400
92	Remote channel 41 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
93	Remote channel 42 value (signed 16-bit integer) or (floating point – word high)		
94	Remote channel 42 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
95	Remote channel 43 value (signed 16-bit integer) or (floating point – word high)		
96	Remote channel 43 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
97	Remote channel 44 value (signed 16-bit integer) or (floating point – word high)		
		-3.4e+38	+3.4e+38
98	Remote channel 44 value (signed 16-bit integer) or (floating point – word low)		
99	Remote channel 45 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
100	Remote channel 45 value (signed 16-bit integer) or (floating point – word low)		
101	Remote channel 46 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
102	Remote channel 46 value (signed 16-bit integer) or (floating point – word low)	-3.46+30	T3.46T30
103	Remote channel 47 value (signed 16-bit integer) or (floating point – word high)	0.4.00	0.4.00
104	Remote channel 47 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
105	Remote channel 48 value (signed 16-bit integer) or (floating point – word high)		
106	Remote channel 48 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
107	Remote channel 49 value (signed 16-bit integer) or (floating point – word high)		
		-3.4e+38	+3.4e+38
108	Remote channel 49 value (signed 16-bit integer) or (floating point – word low)		
109	Remote channel 50 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
110	Remote channel 50 value (signed 16-bit integer) or (floating point – word low)		
111	Remote channel 51 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
112	Remote channel 51 value (signed 16-bit integer) or (floating point – word low)	0.40100	10.40100
113	Remote channel 52 value (signed 16-bit integer) or (floating point – word high)	0.400	.0.400
114	Remote channel 52 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
115	Remote channel 53 value (signed 16-bit integer) or (floating point – word high)		
116	Remote channel 53 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
117	Remote channel 54 value (signed 16-bit integer) or (floating point – word high)		
118	Remote channel 54 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
119	Remote channel 55 value (signed 16-bit integer) or (floating point – word high)		
		-3.4e+38	+3.4e+38
120	Remote channel 55 value (signed 16-bit integer) or (floating point – word low)		
121	Remote channel 56 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
122	Remote channel 56 value (signed 16-bit integer) or (floating point – word low)		
123	Remote channel 57 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
124	Remote channel 57 value (signed 16-bit integer) or (floating point – word low)	-3.46+30	T3.46T30
125	Remote channel 58 value (signed 16-bit integer) or (floating point – word high)	0.4.00	0.4.00
126	Remote channel 58 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
127	Remote channel 59 value (signed 16-bit integer) or (floating point – word high)		
128	Remote channel 59 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
129	Remote channel 60 value (signed 16-bit integer) or (floating point – word high)		
	Remote channel 60 value (signed 16-bit integer) or (floating point – word Ingri)	-3.4e+38	+3.4e+38
130			
131	Remote channel 61 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
132	Remote channel 61 value (signed 16-bit integer) or (floating point – word low)		
133	Remote channel 62 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
134	Remote channel 62 value (signed 16-bit integer) or (floating point – word low)	30.00	
135	Remote channel 63 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
136	Remote channel 63 value (signed 16-bit integer) or (floating point – word low)	-J.46TJ0	TJ.46TJ0
137	Remote channel 64 value (signed 16-bit integer) or (floating point – word high)		
138	Remote channel 64 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
139	Remote channel 65 value (signed 16-bit integer) or (floating point – word high)		
140	Remote channel 65 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
141	Remote channel 66 value (signed 16-bit integer) or (floating point – word high)		
		-3.4e+38	+3.4e+38
142	Remote channel 66 value (signed 16-bit integer) or (floating point – word low)		

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4.40	Domete channel 67 value (signed 46 hit integer) or (floating point, word high)		
143	Remote channel 67 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
144	Remote channel 67 value (signed 16-bit integer) or (floating point – word low)		
145	Remote channel 68 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
146	Remote channel 68 value (signed 16-bit integer) or (floating point – word low)		
147	Remote channel 69 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
148	Remote channel 69 value (signed 16-bit integer) or (floating point – word low)		70.10700
149	Remote channel 70 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
150	Remote channel 70 value (signed 16-bit integer) or (floating point – word low)	-3.46+30	T3.46T30
151	Remote channel 71 value (signed 16-bit integer) or (floating point – word high)	0.400	.0.400
152	Remote channel 71 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
153	Remote channel 72 value (signed 16-bit integer) or (floating point – word high)		
154	Remote channel 72 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
155	Remote channel 73 value (signed 16-bit integer) or (floating point – word high)		
156	Remote channel 73 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
157	Remote channel 74 value (signed 16-bit integer) or (floating point – word high)		
158	Remote channel 74 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
	Remote channel 75 value (signed 16-bit integer) or (floating point – word light)		
159		-3.4e+38	+3.4e+38
160	Remote channel 75 value (signed 16-bit integer) or (floating point – word low)		
161	Remote channel 76 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
162	Remote channel 76 value (signed 16-bit integer) or (floating point – word low)		
163	Remote channel 77 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
164	Remote channel 77 value (signed 16-bit integer) or (floating point – word low)	-3. 46 +30	+0. 4 6+00
165	Remote channel 78 value (signed 16-bit integer) or (floating point – word high)	0.4.00	0.4.00
166	Remote channel 78 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
167	Remote channel 79 value (signed 16-bit integer) or (floating point – word high)		
168	Remote channel 79 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
169	Remote channel 80 value (signed 16-bit integer) or (floating point – word high)		
170	Remote channel 80 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
171	Remote channel 81 value (signed 16-bit integer) or (floating point – word high)		
	Remote channel 81 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
172			
173	Remote channel 82 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
174	Remote channel 82 value (signed 16-bit integer) or (floating point – word low)		
175	Remote channel 83 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
176	Remote channel 83 value (signed 16-bit integer) or (floating point – word low)		
177	Remote channel 84 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
178	Remote channel 84 value (signed 16-bit integer) or (floating point – word low)	0.10100	10.10100
179	Remote channel 85 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
180	Remote channel 85 value (signed 16-bit integer) or (floating point – word low)	-3.46+30	+3.46+30
181	Remote channel 86 value (signed 16-bit integer) or (floating point – word high)		
182	Remote channel 86 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
183	Remote channel 87 value (signed 16-bit integer) or (floating point – word high)		
184	Remote channel 87 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
10-	· · · · · · · · · · · · · · · · · · ·		
185	Remote channel 88 value (signed 16-bit integer) or (floating point – word high)		
185	Remote channel 88 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
186	Remote channel 88 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
186 187	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38
186 187 188	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low)		
186 187	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
186 187 188	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low)		
186 187 188 189	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38
186 187 188 189 190	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
186 187 188 189 190	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38
186 187 188 189 190 191	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high) Remote channel 91 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38
186 187 188 189 190 191 192 193	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high) Remote channel 91 value (signed 16-bit integer) or (floating point – word low) Remote channel 92 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38 +3.4e+38
186 187 188 189 190 191 192 193 194	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high) Remote channel 91 value (signed 16-bit integer) or (floating point – word low) Remote channel 92 value (signed 16-bit integer) or (floating point – word high) Remote channel 92 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38
186 187 188 189 190 191 192 193 194 195	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high) Remote channel 91 value (signed 16-bit integer) or (floating point – word low) Remote channel 92 value (signed 16-bit integer) or (floating point – word high) Remote channel 92 value (signed 16-bit integer) or (floating point – word low) Remote channel 93 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38 +3.4e+38
186 187 188 189 190 191 192 193 194 195 196 197	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high) Remote channel 91 value (signed 16-bit integer) or (floating point – word low) Remote channel 92 value (signed 16-bit integer) or (floating point – word high) Remote channel 92 value (signed 16-bit integer) or (floating point – word low) Remote channel 93 value (signed 16-bit integer) or (floating point – word high) Remote channel 93 value (signed 16-bit integer) or (floating point – word low) Remote channel 94 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38 +3.4e+38
186 187 188 189 190 191 192 193 194 195	Remote channel 88 value (signed 16-bit integer) or (floating point – word low) Remote channel 89 value (signed 16-bit integer) or (floating point – word high) Remote channel 89 value (signed 16-bit integer) or (floating point – word low) Remote channel 90 value (signed 16-bit integer) or (floating point – word high) Remote channel 90 value (signed 16-bit integer) or (floating point – word low) Remote channel 91 value (signed 16-bit integer) or (floating point – word high) Remote channel 91 value (signed 16-bit integer) or (floating point – word low) Remote channel 92 value (signed 16-bit integer) or (floating point – word high) Remote channel 92 value (signed 16-bit integer) or (floating point – word low) Remote channel 93 value (signed 16-bit integer) or (floating point – word high) Remote channel 93 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38 -3.4e+38 -3.4e+38 -3.4e+38	+3.4e+38 +3.4e+38 +3.4e+38 +3.4e+38

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004	Pameta channel 06 value (signed 16 hit integer) or (floating point, word high)		
201	Remote channel 96 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
202	Remote channel 96 value (signed 16-bit integer) or (floating point – word low)		
203	Remote channel 97 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
204	Remote channel 97 value (signed 16-bit integer) or (floating point – word low)		
205	Remote channel 98 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
206	Remote channel 98 value (signed 16-bit integer) or (floating point – word low)	0.10100	70.10700
207	Remote channel 99 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
208	Remote channel 99 value (signed 16-bit integer) or (floating point – word low)	-3.46+30	+3.46+30
209	Remote channel 100 value (signed 16-bit integer) or (floating point – word high)	2.420	.0.400
210	Remote channel 100 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
211	Remote channel 101 value (signed 16-bit integer) or (floating point – word high)		
212	Remote channel 101 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
213	Remote channel 102 value (signed 16-bit integer) or (floating point – word high)		
214	Remote channel 102 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
215	Remote channel 103 value (signed 16-bit integer) or (floating point – word high)		
216	Remote channel 103 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
	12 21 2		
217	Remote channel 104 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
218	Remote channel 104 value (signed 16-bit integer) or (floating point – word low)		
219	Remote channel 105 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
220	Remote channel 105 value (signed 16-bit integer) or (floating point – word low)		
221	Remote channel 106 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
222	Remote channel 106 value (signed 16-bit integer) or (floating point – word low)	-3.46+30	+0. 4 6+00
223	Remote channel 107 value (signed 16-bit integer) or (floating point – word high)	0.4.00	0.4.00
224	Remote channel 107 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
225	Remote channel 108 value (signed 16-bit integer) or (floating point – word high)		
226	Remote channel 108 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
227	Remote channel 109 value (signed 16-bit integer) or (floating point – word high)		
228	Remote channel 109 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
229	Remote channel 110 value (signed 16-bit integer) or (floating point – word high)		
	Remote channel 110 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
230	12 21 2		
231	Remote channel 111 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
232	Remote channel 111 value (signed 16-bit integer) or (floating point – word low)		
233	Remote channel 112 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
234	Remote channel 112 value (signed 16-bit integer) or (floating point – word low)		
235	Remote channel 113 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
236	Remote channel 113 value (signed 16-bit integer) or (floating point – word low)	0.40100	10.40100
237	Remote channel 114 value (signed 16-bit integer) or (floating point – word high)	2.420	.0.400
238	Remote channel 114 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
239	Remote channel 115 value (signed 16-bit integer) or (floating point – word high)		
240	Remote channel 115 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
241	Remote channel 116 value (signed 16-bit integer) or (floating point – word high)		
242	Remote channel 116 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
242	Remote channel 117 value (signed 16-bit integer) or (floating point – word low)		
	, , , , , , , , , , , , , , , , , , , ,	-3.4e+38	+3.4e+38
244	Remote channel 117 value (signed 16-bit integer) or (floating point – word low)		
245	Remote channel 118 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
246	Remote channel 118 value (signed 16-bit integer) or (floating point – word low)	-	
247	Remote channel 119 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
248	Remote channel 119 value (signed 16-bit integer) or (floating point – word low)	0.10100	10.10100
249	Remote channel 120 value (signed 16-bit integer) or (floating point – word high)	2.42.20	12.40.20
250	Remote channel 120 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
251	Remote channel 121 value (signed 16-bit integer) or (floating point – word high)		
252	Remote channel 121 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
253	Remote channel 122 value (signed 16-bit integer) or (floating point – word high)		
254	Remote channel 122 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
255	Remote channel 123 value (signed 16-bit integer) or (floating point – word high)		
	Remote channel 123 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
256			
		-3.4e+38	+3.4e+38
257 258	Remote channel 124 value (signed 16-bit integer) or (floating point – word high) Remote channel 124 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38

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259	Remote channel 125 value (signed 16-bit integer) or (floating point – word high)		
	Remote channel 125 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
260	Remote channel 126 value (signed 16-bit integer) or (floating point – word high)		
261	Remote channel 126 value (signed 16-bit integer) or (floating point – word low)	-3.4e+38	+3.4e+38
262	, , , , , , , ,		
263	Remote channel 127 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
264	Remote channel 127 value (signed 16-bit integer) or (floating point – word low)		
265	Remote channel 128 value (signed 16-bit integer) or (floating point – word high)	-3.4e+38	+3.4e+38
266	Remote channel 128 value (signed 16-bit integer) or (floating point – word low)		
267	Alarm 01 status (1 = no alarm; 0 = on alarm condition)	0	1
268	Alarm 02 status (1 = no alarm; 0 = on alarm condition)	0	1
269	Alarm 03 status (1 = no alarm; 0 = on alarm condition)	0	1
270	Alarm 04 status (1 = no alarm; 0 = on alarm condition)	0	1
271	Alarm 05 status (1 = no alarm; 0 = on alarm condition)	0	1
272	Alarm 06 status (1 = no alarm; 0 = on alarm condition)	0	1
273	Alarm 07 status (1 = no alarm; 0 = on alarm condition)	0	1
274	Alarm 08 status (1 = no alarm; 0 = on alarm condition)	0	1
275	Alarm 09 status (1 = no alarm; 0 = on alarm condition)	0	1
276	Alarm 10 status (1 = no alarm; 0 = on alarm condition)	0	1
277	Alarm 11 status (1 = no alarm; 0 = on alarm condition)	0	1
278	Alarm 12 status (1 = no alarm; 0 = on alarm condition)	0	1
279	Alarm 13 status (1 = no alarm; 0 = on alarm condition)	0	1
280	Alarm 14 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 15 status (1 = no alarm; 0 = on alarm condition)	0	1
281	Alarm 16 status (1 = no alarm; 0 = on alarm condition)		
282	· · · · · · · · · · · · · · · · · · ·	0	1
283	Alarm 17 status (1 = no alarm; 0 = on alarm condition)	0	1
284	Alarm 18 status (1 = no alarm; 0 = on alarm condition)	0	1
285	Alarm 19 status (1 = no alarm; 0 = on alarm condition)	0	1
286	Alarm 20 status (1 = no alarm; 0 = on alarm condition)	0	1
287	Alarm 21 status (1 = no alarm; 0 = on alarm condition)	0	1
288	Alarm 22 status (1 = no alarm; 0 = on alarm condition)	0	1
289	Alarm 23 status (1 = no alarm; 0 = on alarm condition)	0	1
290	Alarm 24 status (1 = no alarm; 0 = on alarm condition)	0	1
291	Alarm 25 status (1 = no alarm; 0 = on alarm condition)	0	1
292	Alarm 26 status (1 = no alarm; 0 = on alarm condition)	0	1
293	Alarm 27 status (1 = no alarm; 0 = on alarm condition)	0	1
294	Alarm 28 status (1 = no alarm; 0 = on alarm condition)	0	1
295	Alarm 29 status (1 = no alarm; 0 = on alarm condition)	0	1
296	Alarm 30 status (1 = no alarm; 0 = on alarm condition)	0	1
297	Alarm 31 status (1 = no alarm; 0 = on alarm condition)	0	1
298	Alarm 32 status (1 = no alarm; 0 = on alarm condition)	0	1
299	Alarm 33 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 34 status (1 = no alarm; 0 = on alarm condition)	0	1
300	Alarm 35 status (1 = no alarm; 0 = on alarm condition)	0	1
301	Alarm 36 status (1 = no alarm; 0 = on alarm condition)	0	1
302			
303	Alarm 37 status (1 = no alarm; 0 = on alarm condition)	0	1
304	Alarm 38 status (1 = no alarm; 0 = on alarm condition)	0	1
305	Alarm 39 status (1 = no alarm; 0 = on alarm condition)	0	1
306	Alarm 40 status (1 = no alarm; 0 = on alarm condition)	0	1
307	Alarm 41 status (1 = no alarm; 0 = on alarm condition)	0	1
308	Alarm 42 status (1 = no alarm; 0 = on alarm condition)	0	1
309	Alarm 43 status (1 = no alarm; 0 = on alarm condition)	0	1
310	Alarm 44 status (1 = no alarm; 0 = on alarm condition)	0	1
311	Alarm 45 status (1 = no alarm; 0 = on alarm condition)	0	1
312	Alarm 46 status (1 = no alarm; 0 = on alarm condition)	0	1
313	Alarm 47 status (1 = no alarm; 0 = on alarm condition)	0	1
314	Alarm 48 status (1 = no alarm; 0 = on alarm condition)	0	1
315	Alarm 49 status (1 = no alarm; 0 = on alarm condition)	0	1
316	Alarm 50 status (1 = no alarm; 0 = on alarm condition)	0	1
317	Alarm 51 status (1 = no alarm; 0 = on alarm condition)	0	1
317		l ű	

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318	Alarm 52 status (1 = no alarm; 0 = on alarm condition)	0	1
319	Alarm 53 status (1 = no alarm; 0 = on alarm condition)	0	1
320	Alarm 54 status (1 = no alarm; 0 = on alarm condition)	0	1
321	Alarm 55 status (1 = no alarm; 0 = on alarm condition)	0	1
322	Alarm 56 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 57 status (1 = no alarm; 0 = on alarm condition)	0	1
323			
324	Alarm 58 status (1 = no alarm; 0 = on alarm condition)	0	1
325	Alarm 59 status (1 = no alarm; 0 = on alarm condition)	0	1
326	Alarm 60 status (1 = no alarm; 0 = on alarm condition)	0	1
327	Alarm 61 status (1 = no alarm; 0 = on alarm condition)	0	1
328	Alarm 62 status (1 = no alarm; 0 = on alarm condition)	0	1
329	Alarm 63 status (1 = no alarm; 0 = on alarm condition)	0	1
330	Alarm 64 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 65 status (1 = no alarm; 0 = on alarm condition)	0	1
331			
332	Alarm 66 status (1 = no alarm; 0 = on alarm condition)	0	1
333	Alarm 67 status (1 = no alarm; 0 = on alarm condition)	0	1
334	Alarm 68 status (1 = no alarm; 0 = on alarm condition)	0	1
335	Alarm 69 status (1 = no alarm; 0 = on alarm condition)	0	1
336	Alarm 70 status (1 = no alarm; 0 = on alarm condition)	0	1
337	Alarm 71 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 72 status (1 = no alarm; 0 = on alarm condition)	0	1
338	Alarm 73 status (1 = no alarm; 0 = on alarm condition)		
339		0	1
340	Alarm 74 status (1 = no alarm; 0 = on alarm condition)	0	1
341	Alarm 75 status (1 = no alarm; 0 = on alarm condition)	0	1
342	Alarm 76 status (1 = no alarm; 0 = on alarm condition)	0	1
343	Alarm 77 status (1 = no alarm; 0 = on alarm condition)	0	1
344	Alarm 78 status (1 = no alarm; 0 = on alarm condition)	0	1
345	Alarm 79 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 80 status (1 = no alarm; 0 = on alarm condition)	0	1
346			
347	Alarm 81 status (1 = no alarm; 0 = on alarm condition)	0	1
348	Alarm 82 status (1 = no alarm; 0 = on alarm condition)	0	1
349	Alarm 83 status (1 = no alarm; 0 = on alarm condition)	0	1
350	Alarm 84 status (1 = no alarm; 0 = on alarm condition)	0	1
351	Alarm 85 status (1 = no alarm; 0 = on alarm condition)	0	1
352	Alarm 86 status (1 = no alarm; 0 = on alarm condition)	0	1
353	Alarm 87 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 88 status (1 = no alarm; 0 = on alarm condition)	0	1
354	Alarm 89 status (1 = no alarm; 0 = on alarm condition)		
355		0	1
356	Alarm 90 status (1 = no alarm; 0 = on alarm condition)	0	1
357	Alarm 91 status (1 = no alarm; 0 = on alarm condition)	0	1
358	Alarm 92 status (1 = no alarm; 0 = on alarm condition)	0	1
359	Alarm 93 status (1 = no alarm; 0 = on alarm condition)	0	1
360	Alarm 94 status (1 = no alarm; 0 = on alarm condition)	0	1
361	Alarm 95 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 96 status (1 = no alarm; 0 = on alarm condition)	0	1
362			
363	Alarm 97 status (1 = no alarm; 0 = on alarm condition)	0	1
364	Alarm 98 status (1 = no alarm; 0 = on alarm condition)	0	1
365	Alarm 99 status (1 = no alarm; 0 = on alarm condition)	0	1
366	Alarm 100 status (1 = no alarm; 0 = on alarm condition)	0	1
367	Alarm 101 status (1 = no alarm; 0 = on alarm condition)	0	1
368	Alarm 102 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 103 status (1 = no alarm; 0 = on alarm condition)	0	1
369			
	Alarm 104 status (1 = no alarm; 0 = on alarm condition)	0	1
370			
370 371	Alarm 105 status (1 = no alarm; 0 = on alarm condition)	0	1
	Alarm 105 status (1 = no alarm; 0 = on alarm condition) Alarm 106 status (1 = no alarm; 0 = on alarm condition)	0	1
371	· · · · · · · · · · · · · · · · · · ·		
371 372	Alarm 106 status (1 = no alarm; 0 = on alarm condition)	0	1
371 372 373	Alarm 106 status (1 = no alarm; 0 = on alarm condition) Alarm 107 status (1 = no alarm; 0 = on alarm condition)	0	1

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377	Alarm 111 status (1 = no alarm; 0 = on alarm condition)	0	1
378	Alarm 112 status (1 = no alarm; 0 = on alarm condition)	0	1
379	Alarm 113 status (1 = no alarm; 0 = on alarm condition)	0	1
380	Alarm 114 status (1 = no alarm; 0 = on alarm condition)	0	1
381	Alarm 115 status (1 = no alarm; 0 = on alarm condition)	0	1
382	Alarm 116 status (1 = no alarm; 0 = on alarm condition)	0	1
383	Alarm 117 status (1 = no alarm; 0 = on alarm condition)	0	1
384	Alarm 118 status (1 = no alarm; 0 = on alarm condition)	0	1
385	Alarm 119 status (1 = no alarm; 0 = on alarm condition)	0	1
386	Alarm 120 status (1 = no alarm; 0 = on alarm condition)	0	1
387	Alarm 121 status (1 = no alarm; 0 = on alarm condition)	0	1
388	Alarm 122 status (1 = no alarm; 0 = on alarm condition)	0	1
389	Alarm 123 status (1 = no alarm; 0 = on alarm condition)	0	1
390	Alarm 124 status (1 = no alarm; 0 = on alarm condition)	0	1
391	Alarm 125 status (1 = no alarm; 0 = on alarm condition)	0	1
392	Alarm 126 status (1 = no alarm; 0 = on alarm condition)	0	1
393	Alarm 127 status (1 = no alarm; 0 = on alarm condition)	0	1
394	Alarm 128 status (1 = no alarm; 0 = on alarm condition)	0	1
395	Latitude (floating point – word high) – GPS MODEL ONLY	2.420	.0.400
396	Latitude (floating point – word low) – GPS MODEL ONLY	-3.4e+38	+3.4e+38
397	Longitude (floating point – word high) – GPS MODEL ONLY	2.420	.0.400
398	Longitude (floating point – word low) – GPS MODEL ONLY	-3.4e+38	+3.4e+38
399	Altitude (signed 16-bit integer) – GPS MODEL ONLY	-32768	32767
400	Speed (unsigned 16-bit integer) – GPS MODEL ONLY	0	65535

DETAILS ABOUT SOME REGISTERS

REGISTERS 0, 1 AND 2 - SERIAL NUMBER

Device serial number is considered as a 48 bit value. Register 0 has the first 16 bits of the serial number (most significant bits), register 1 refer to next 16 bits and register 2 the remaining 16 bits.

REGISTER 4 – CONNECTION STATUS (unsigned 16-bit integer)

0 = not connected; 1 = connected.

REGISTERS 395 AND 396 - LATITUDE

Inform the latitude as a floating point value.

REGISTERS 397 AND 398 - LONGITUDE

Inform the longitude as a floating point value.

REGISTERS 399 – ALTITUDE

The altitude value is given in meters multiplied by 10, so an altitude of "16.9" will be read as "169".

REGISTERS 400 - SPEED

The speed value is given in km/h multiplied by 10, so a speed of "1.9" will be read as "19".

FLOATING POINT FORMAT USED

AirGate-3G uses floating point values in *single precision* (32 bit) format as described in standard **IEEE-754** (IEEE Standard for Floating-Point Arithmetic).

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