List of registers in the T3-8IO-8CH: Rev1

Note: When using the Modbus Poll software, addressing should be set to “Protocol Addresses (Base 0)” under the “Display” menu.

Address	Bytes	Register and Description
0 to 3	4	Serial Number, 4 byte value
4	1	Version Number
5	1	SCRATCHPAD_ADDRESS Internal scratch pad address
6	1	ADDRESS. Modbus device address
7	1	Product Model
8	1	Hardware Version
9	1	Pic Version
10 to 15		Blank, for future use
16	1	Update status
17 to 99		Blank, for future use
100	2	Output 1 Register
101	2	Output 2 Register
102	2	Output 3 Register
103	2	Output 4 Register
104	2	Output 5 Register
105	2	Output 6 Register
106	2	Output 7 Register
107	2	Output 8 Register
108 to 115	2	Blank, for future use
116	2	Switch Bank 1 Register
117	2	Switch Bank 2 Register
118	2	Pulse number high word ,channel 1
119	2	Pulse number low word ,channel 1
120	2	Pulse number high word ,channel 2
121	2	Pulse number low word ,channel 2
122	2	Pulse number high word ,channel 3
123	2	Pulse number low word ,channel 3
124	2	Pulse number high word ,channel 4
125	2	Pulse number low word ,channel 4
126	2	Pulse number high word ,channel 5
127	2	Pulse number low word ,channel 5
128	2	Pulse number high word ,channel 6
129	2	Pulse number low word ,channel 6
130	2	Pulse number high word ,channel 7
131	2	Pulse number low word ,channel 7
132	2	Pulse number high word ,channel 8
133	2	Pulse number low word ,channel 8
The pulse number need start from zero at sometime.The following register will record the time and the resolution is minute.		
134	1	Year,channel 1.Register 118,119 will be cleared as soon as this register be wrote
135	1	Month,channel 1.not influence register 118,119
136	1	Day,channel 1.not influence register 118,119
137	1	Hour,channel 1.not influence register 118,119
138	1	Minute,channel 1.not influence register 118,119
139	1	Year,channel 2.Register 120,121 will be cleared as soon as this register be wrote
140	1	Month,channel 2.not influence register 120,121
141	1	Day,channel 2.not influence register 120,121
142	1	Hour,channel 2.not influence register 120,121
143	1	Minute,channel 2.not influence register 120,121

Address	Bytes	Register and Description
The pulse number need start from zero at sometime.The following register will record the time .The resolution is minute.		
144	1	Year,channel 3.Register 122,123 will be cleared as soon as this register be wrote
145	1	Month,channel 3.not influence register 122,123
146	1	Day,channel 3.not influence register 122,123
147	1	Month,channel 3.not influence register 122,123
148	1	Minute,channel 3.not influence register 122,123
149	1	Year,channel 4.Register 124,125 will be cleared as soon as this register be wrote
150	1	Month,channel 4.not influence register 124,125
151	1	Day,channel 4.not influence register 124,125
152	1	Month,channel 4.not influence register 124,125
153	1	Minute,channel 4.not influence register 124,125
154	1	Year,channel 5.Register 126,127 will be cleared as soon as this register be wrote
155	1	Month,channel 5.not influence register 126,127
156	1	Day,channel 5.not influence register 126,127
157	1	Month,channel 5.not influence register 126,127
158	1	Minute,channel 5.not influence register 126,127
159	1	Year,channel 6.Register 128,129 will be cleared as soon as this register be wrote
160	1	Month,channel 6.not influence register 128,129
161	1	Day,channel 6.not influence register 128,129
162	1	Month,channel 6.not influence register 128,129
163	1	Minute,channel 6.not influence register 128,129
164	1	Year,channel 7.Register 130,131 will be cleared as soon as this register be wrote
165	1	Month,channel 7.not influence register 130,131
166	1	Day,channel 7.not influence register 130,131
167	1	Month,channel 7.not influence register 130,131
168	1	Minute,channel 7.not influence register 130,131
169	1	Year,channel 8.Register 132,133 will be cleared as soon as this register be wrote
170	1	Month,channel 8.not influence register 132,133
171	1	Day,channel 8.not influence register 132,133
172	1	Month,channel 8.not influence register 132,133
173	1	Minute,channel 8.not influence register 132,133
174	1	Set the sampling type for each channel.0 = analog,1 = pulse.Bit0 correspond to channel1 ,bit1 correspond to channel2.