Introduction

This help file is mainly to provide technical reference for the following models.

❏ **ioLogik E1200 Series**

❏ **ioLogik E1500 Series**

❏ **ioLogik R1200 Series**

Supported Function Code

Register (decimal)	Access	Type	Supported Function Code
0xxxx	R/W	bit	1, 5, 15
1xxxx	R	bit	2
3xxxx	R	word	4
4xxxx	R/W	word	3, 6, 16

ioLogik E1210 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length	A
DI_counterOverflowFlag	0: Normal, 1: Overflow	1000	02:INPUT STATUS	11001	16	F
DI_counterOverflowFlagClear	1: clear overflow flag	0288	01:COIL STATUS	00289	16	F
DI_counterReset	1: reset to initial value	0272	01:COIL STATUS	00273	16	F
DI_counterStatus	0: STOP, 1: START	0256	01:COIL STATUS	00257	16	F
DI_counterValue	high/low word	0016	04:INPUT REGISTER	30017	32	F
DI_status	0: OFF, 1: ON	0000	02:INPUT STATUS	10001	16	F
DI-all_statusFromDI-00	0: OFF, 1: ON	0048	04:INPUT REGISTER	30049	1	F

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length	A
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30	F
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2	F
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2	F
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2	F
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2	F
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3	F
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10	F

ioLogik E1211 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
DO_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	16
DO_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	16
DO_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	16
DO_pulseCount		0036	03:HOLDING REGISTER	40037	16
DO_pulseOffWidth	unit: 1 ms	0068	03:HOLDING REGISTER	40069	16
DO_pulseOnWidth	unit: 1 ms	0052	03:HOLDING REGISTER	40053	16
DO_pulseStatus	0: STOP, 1: START	0016	01:COIL STATUS	00017	16
DO_status	0: OFF, 1: ON	0000	01:COIL STATUS	00001	16
DO-all_statusFromDO-00	0: OFF, 1: ON	0032	03:HOLDING REGISTER	40033	1

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1

ioLogik E1212 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length	
DI_counterOverflowFlag	0: Normal, 1: Overflow	1000	02:INPUT STATUS	11001	16	
DI_counterOverflowFlagClear	1: clear overflow flag	0288	01:COIL STATUS	00289	16	
DI_counterReset	1: reset to initial value	0272	01:COIL STATUS	00273	16	
DI_counterStatus	0: STOP, 1: START	0256	01:COIL STATUS	00257	16	
DI_counterValue	high/low word	0016	04:INPUT REGISTER	30017	32	
DI_status	0: OFF, 1: ON	0000	02:INPUT STATUS	10001	16	
DI-all_statusFromDI-00	0: OFF, 1: ON	0048	04:INPUT REGISTER	30049	1	
DO_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	8	
DO_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	8	
DO_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	8	
DO_pulseCount	-	0036	03:HOLDING REGISTER	40037	8	
DO_pulseOffWidth	unit: 1 ms	0068	03:HOLDING REGISTER	40069	8	
DO_pulseOnWidth	unit: 1 ms	0052	03:HOLDING REGISTER	40053	8	
DO_pulseStatus	0: STOP, 1: START	0016	01:COIL STATUS	00017	8	
DO_status	0: OFF, 1: ON	0000	01:COIL STATUS	00001	8	
DO-all_statusFromDO-00	0: OFF, 1: ON	0032	03:HOLDING REGISTER	40033	1	

- **System**

		Start Address		Start Register	

Parameter Name	Description	(decimal)	Function Code	(decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1

ioLogik E1213 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
DI_counterOverflowFlag	0: Normal, 1: Overflow	1000	02:INPUT STATUS	11001	12
DI_counterOverflowFlagClear	1: clear overflow flag	0288	01:COIL STATUS	00289	12
DI_counterReset	1: reset to initial value	0272	01:COIL STATUS	00273	12
DI_counterStatus	0: STOP, 1: START	0256	01:COIL STATUS	00257	12
DI_counterValue	high/low word	0016	04:INPUT REGISTER	30017	24
DI_status	0: OFF, 1: ON	0000	02:INPUT STATUS	10001	12
DI-all_statusFromDI-00	0: OFF, 1: ON	0048	04:INPUT REGISTER	30049	1
DO_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	8
DO_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	8
DO_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	8
DO_pulseCount	-	0036	03:HOLDING REGISTER	40037	8
DO_pulseOffWidth	unit: 1 ms	0068	03:HOLDING REGISTER	40069	8
DO_pulseOnWidth	unit: 1 ms	0052	03:HOLDING REGISTER	40053	8
DO_pulseStatus	0: STOP, 1: START	0016	01:COIL STATUS	00017	8
DO_status	0: OFF, 1: ON	0000	01:COIL STATUS	00001	8
DO-all_statusFromDO-00	0: OFF, 1: ON	0032	03:HOLDING REGISTER	40033	1

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1

ioLogik E1214 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
DI_counterOverflowFlag	0: Normal, 1: Overflow	1000	02:INPUT STATUS	11001	6
DI_counterOverflowFlagClear	1: clear overflow flag	0288	01:COIL STATUS	00289	6
DI_counterReset	1: reset to initial value	0272	01:COIL STATUS	00273	6
DI_counterStatus	0: STOP, 1: START	0256	01:COIL STATUS	00257	6
DI_counterValue	high/low word	0016	04:INPUT REGISTER	30017	12
DI_status	0: OFF, 1: ON	0000	02:INPUT STATUS	10001	6
DI-all_statusFromDI-00	0: OFF, 1: ON	0048	04:INPUT REGISTER	30049	1
RLY_currentCount	high/low word	0096	04:INPUT REGISTER	30097	12
RLY_currentCountReset	1: reset current count	0048	01:COIL STATUS	00048	6
RLY_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	6
RLY_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	6
RLY_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	6
RLY_pulseCount	high/low word	0036	03:HOLDING REGISTER	40037	12
RLY_pulseOffWidth	unit: 1.5 sec	0068	03:HOLDING REGISTER	40069	6
RLY_pulseOnWidth	unit: 1.5 sec	0052	03:HOLDING REGISTER	40053	6
RLY_pulseStatus	0: STOP, 1: START	0016	01:COIL STATUS	00017	6
RLY_status	0: OFF, 1: ON	0000	01:COIL STATUS	00001	6
RLY_TotalCount	high/low word	0064	04:INPUT REGISTER	30065	12
RLY-all_statusFromRLY-00	0: OFF, 1: ON	0032	03:HOLDING REGISTER	40033	1

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1

ioLogik E1240 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
AI_burnoutValue	high/low word	0040	03:HOLDING REGISTER	40041	16
AI_mode	0: 0-10 V 1: 4-20mA 2: 0-20mA 4: 4-20mA burnout	0024	03:HOLDING REGISTER	40025	8
AI_rawValue		0000	04:INPUT REGISTER	30001	8

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
AI_rawValueMax		0032	04:INPUT REGISTER	30033	8
AI_rawValueMin		0024	04:INPUT REGISTER	30025	8
AI_resetMaxValue	1: reset max. value	4153	01:COIL STATUS	04154	8
AI_resetMinValue	1: reset min. value	4145	01:COIL STATUS	04146	8
AI_scaledValue	high/low word	0008	04:INPUT REGISTER	30009	16
AI_scaledValueMax	high/low word	0125	04:INPUT REGISTER	30126	16
AI_scaledValueMin	high/low word	0109	04:INPUT REGISTER	30110	16
AI_status	0: normal, 1: burnout, 2: over range, 3: under range	0060	04:INPUT REGISTER	30061	8

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10

ioLogik E1241 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
AO_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	4
AO_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	4
AO_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	4
AO_rawValue		1024	03:HOLDING REGISTER	41025	4
AO_scaledValue	high/low word	0000	04:INPUT REGISTER	30001	8

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte:				

	144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
lanMac	144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1

ioLogik E1242 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
AI_burnoutValue	high/low word	0560	03:HOLDING REGISTER	40561	8
AI_mode	0: 0-10 V 1: 4-20mA 2: 0-20mA 4: 4-20mA burnout	0544	03:HOLDING REGISTER	40545	4
AI_rawValue		0512	04:INPUT REGISTER	30513	4
AI_rawValueMax		0532	04:INPUT REGISTER	30533	4
AI_rawValueMin		0528	04:INPUT REGISTER	30529	4
AI_resetMaxValue	1: reset max. value	4153	01:COIL STATUS	04154	4
AI_resetMinValue	1: reset min. value	4145	01:COIL STATUS	04146	4
AI_scaledValue	high/low word	0520	04:INPUT REGISTER	30521	8
AI_scaledValueMax	high/low word	0546	04:INPUT REGISTER	30547	8
AI_scaledValueMin	high/low word	0536	04:INPUT REGISTER	30537	8
AI_status	0: normal, 1: burnout, 2: over range, 3: under range	0576	04:INPUT REGISTER	30577	4
DI_counterOverflowFlag	0: Normal, 1: Overflow	1000	02:INPUT STATUS	11001	8
DI_counterOverflowFlagClear	1: clear overflow flag	0288	01:COIL STATUS	00289	8
DI_counterReset	1: reset to initial value	0272	01:COIL STATUS	00273	8
DI_counterStatus	0: STOP, 1: START	0256	01:COIL STATUS	00257	8
DI_counterValue	high/low word	0016	04:INPUT REGISTER	30017	16
DI_status	0: OFF, 1: ON	0000	02:INPUT STATUS	10001	8
DI-all_statusFromDI-00	0: OFF, 1: ON	0048	04:INPUT REGISTER	30049	1
DO_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	4
DO_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	4
DO_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	4
DO_pulseCount		0036	03:HOLDING REGISTER	40037	4
DO_pulseOffWidth	unit: 1 ms	0068	03:HOLDING REGISTER	40069	4
DO_pulseOnWidth	unit: 1 ms	0052	03:HOLDING REGISTER	40053	4
DO_pulseStatus	0: STOP, 1: START	0016	01:COIL STATUS	00017	4
DO_status	0: OFF, 1: ON	0000	01:COIL STATUS	00001	4
DO-all_statusFromDO-00	0: OFF, 1: ON	0032	03:HOLDING REGISTER	40033	1

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2

		Start Address	Function Code	Start Register	Length
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1

ioLogik E1260 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
RTD_multipliedEngineeringValue	Unit: 0.1	1536	04:INPUT REGISTER	31537	6
RTD_multipliedEngineeringValueMax	high/low word	1572	04:INPUT REGISTER	31573	6
RTD_multipliedEngineeringValueMin	high/low word	1560	04:INPUT REGISTER	31561	6
RTD_resetMaxValue	1: reset max. value	4169	01:COIL STATUS	04170	6
RTD_resetMinValue	1: reset min. value	4161	01:COIL STATUS	04162	6
RTD_scaledValue	high/low word	1548	04:INPUT REGISTER	31549	12
RTD_scaledValueMax	high/low word	1596	04:INPUT REGISTER	31597	12
RTD_scaledValueMin	high/low word	1584	04:INPUT REGISTER	31585	12

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10

ioLogik E1262 Modbus Address and Register Map

- **I/O**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
TC CJC	TC CJC calibration start	4193	01:COIL STATUS	04194	8
TC refEngValue (float)	TC calibration reference	2144	03:HOLDING REGISTER	42145	8

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
TC_multipliedEngineeringValue	high/low word, Unit:0.1 (Celsius, Fahrenheit) or 0.0001 (mV)	2048	04:INPUT REGISTER	32049	16
TC_multipliedEngineeringValueMax	high/low word, Unit:0.1 (Celsius, Fahrenheit) or 0.0001 (mV)	2096	04:INPUT REGISTER	32097	16
TC_multipliedEngineeringValueMin	high/low word, Unit:0.1 (Celsius, Fahrenheit) or 0.0001 (mV)	2080	04:INPUT REGISTER	32081	16
TC_resetMaxValue	1: reset max. value	4185	01:COIL STATUS	04186	8
TC_resetMinValue	1: reset min. value	4177	01:COIL STATUS	04178	8
TC_scaledValue	high/low word	2064	04:INPUT REGISTER	32065	16
TC_scaledValueMax	high/low word	2128	04:INPUT REGISTER	32129	16
TC_scaledValueMin	high/low word	2112	04:INPUT REGISTER	32113	16

- **System**

Parameter Name	Description	Start Address (decimal)	Function Code	Start Register (decimal)	Length
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2
lanIp	e.g. 192.168.127.254 -> 1st byte: 192, 2nd byte: 168, 3rd byte: 127, 4th byte: 254	5027	04:INPUT REGISTER	35028	2
lanMac	e.g. 00:90:E8:3E:18:CC -> 1st byte: 0, 2nd byte: 144, 3rd byte: 232, 4th byte: 62, 5th byte: 24, 6th byte: 204	5024	04:INPUT REGISTER	35025	3
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10

ioLogik E1261W Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0000	00001	R/W	bit	DO-00_status	0: OFF, 1: ON
0x0001	00002	R/W	bit	DO-01_status	0: OFF, 1: ON
0x0002	00003	R/W	bit	DO-02_status	0: OFF, 1: ON
0x0003	00004	R/W	bit	DO-03_status	0: OFF, 1: ON
0x0004	00005	R/W	bit	DO-04_status	0: OFF, 1: ON
0x0005	00006	R/W	bit	DO-05_status	0: OFF, 1: ON
0x0006	00007	R/W	bit	DO-06_status	0: OFF, 1: ON
0x0007	00008	R/W	bit	DO-07_status	0: OFF, 1: ON
0x0008	00009	R/W	bit	DO-08_status	0: OFF, 1: ON
0x0009	00010	R/W	bit	DO-09_status	0: OFF, 1: ON
0x000A	00011	R/W	bit	DO-10_status	0: OFF, 1: ON
0x000B	00012	R/W	bit	DO-11_status	0: OFF, 1: ON
0x0010	00017	R/W	bit	DO-00_pulseStatus	0: STOP, 1: START
0x0011	00018	R/W	bit	DO-01_pulseStatus	0: STOP, 1: START
0x0012	00019	R/W	bit	DO-02_pulseStatus	0: STOP, 1: START
0x0013	00020	R/W	bit	DO-03_pulseStatus	0: STOP, 1: START
0x0014	00021	R/W	bit	DO-04_pulseStatus	0: STOP, 1: START
0x0015	00022	R/W	bit	DO-05_pulseStatus	0: STOP, 1: START
0x0016	00023	R/W	bit	DO-06_pulseStatus	0: STOP, 1: START
0x0017	00024	R/W	bit	DO-07_pulseStatus	0: STOP, 1: START

0x0018	00025	R/W	bit	DO-08_pulseStatus	0: STOP, 1: START
0x0019	00026	R/W	bit	DO-09_pulseStatus	0: STOP, 1: START
0x001A	00027	R/W	bit	DO-10_pulseStatus	0: STOP, 1: START
0x001B	00028	R/W	bit	DO-11_pulseStatus	0: STOP, 1: START
0x0100	00257	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0101	00258	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0102	00259	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0103	00260	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0104	00261	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0105	00262	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0106	00263	R/W	bit	DI-06_counterStatus	0: STOP, 1: START
0x0107	00264	R/W	bit	DI-07_counterStatus	0: STOP, 1: START
0x0108	00265	R/W	bit	DI-08_counterStatus	0: STOP, 1: START
0x0109	00266	R/W	bit	DI-09_counterStatus	0: STOP, 1: START
0x010A	00267	R/W	bit	DI-10_counterStatus	0: STOP, 1: START
0x010B	00268	R/W	bit	DI-11_counterStatus	0: STOP, 1: START
0x0110	00273	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0111	00274	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0112	00275	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0113	00276	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0114	00277	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0115	00278	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0116	00279	R/W	bit	DI-06_counterReset	1: reset to initial value
0x0117	00280	R/W	bit	DI-07_counterReset	1: reset to initial value
0x0118	00281	R/W	bit	DI-08_counterReset	1: reset to initial value
0x0119	00282	R/W	bit	DI-09_counterReset	1: reset to initial value
0x011A	00283	R/W	bit	DI-10_counterReset	1: reset to initial value
0x011B	00284	R/W	bit	DI-11_counterReset	1: reset to initial value
0x1000	04097	R/W	bit	DO-00_powerOnStatus	0: OFF, 1: ON
0x1001	04098	R/W	bit	DO-01_powerOnStatus	0: OFF, 1: ON
0x1002	04099	R/W	bit	DO-02_powerOnStatus	0: OFF, 1: ON
0x1003	04100	R/W	bit	DO-03_powerOnStatus	0: OFF, 1: ON
0x1004	04101	R/W	bit	DO-04_powerOnStatus	0: OFF, 1: ON
0x1005	04102	R/W	bit	DO-05_powerOnStatus	0: OFF, 1: ON
0x1006	04103	R/W	bit	DO-06_powerOnStatus	0: OFF, 1: ON
0x1007	04104	R/W	bit	DO-07_powerOnStatus	0: OFF, 1: ON
0x1008	04105	R/W	bit	DO-08_powerOnStatus	0: OFF, 1: ON
0x1009	04106	R/W	bit	DO-09_powerOnStatus	0: OFF, 1: ON
0x100A	04107	R/W	bit	DO-10_powerOnStatus	0: OFF, 1: ON
0x100B	04108	R/W	bit	DO-11_powerOnStatus	0: OFF, 1: ON
0x1010	04113	R/W	bit	DO-00_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1011	04114	R/W	bit	DO-01_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1012	04115	R/W	bit	DO-02_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1013	04116	R/W	bit	DO-03_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1014	04117	R/W	bit	DO-04_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1015	04118	R/W	bit	DO-05_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1016	04119	R/W	bit	DO-06_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1017	04120	R/W	bit	DO-07_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1018	04121	R/W	bit	DO-08_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1019	04122	R/W	bit	DO-09_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x101A	04123	R/W	bit	DO-10_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x101B	04124	R/W	bit	DO-11_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x1020	04129	R/W	bit	DO-00_pulsePowerOnStatus	0: STOP, 1: START
0x1021	04130	R/W	bit	DO-01_pulsePowerOnStatus	0: STOP, 1: START
0x1022	04131	R/W	bit	DO-02_pulsePowerOnStatus	0: STOP, 1: START
0x1023	04132	R/W	bit	DO-03_pulsePowerOnStatus	0: STOP, 1: START
0x1024	04133	R/W	bit	DO-04_pulsePowerOnStatus	0: STOP, 1: START
0x1025	04134	R/W	bit	DO-05_pulsePowerOnStatus	0: STOP, 1: START
0x1026	04135	R/W	bit	DO-06_pulsePowerOnStatus	0: STOP, 1: START
0x1027	04136	R/W	bit	DO-07_pulsePowerOnStatus	0: STOP, 1: START

	04137	R/W	bit	DO-08_pulsePowerOnStatus	0: STOP, 1: START
0x1029	04138	R/W	bit	DO-09_pulsePowerOnStatus	0: STOP, 1: START
0x102A	04139	R/W	bit	DO-10_pulsePowerOnStatus	0: STOP, 1: START
0x102B	04140	R/W	bit	DO-11_pulsePowerOnStatus	0: STOP, 1: START
0x1030	04145	R/W	bit	DO-00_pulseSafeModeStatus	0: STOP, 1: START
0x1031	04146	R/W	bit	DO-01_pulseSafeModeStatus	0: STOP, 1: START
0x1032	04147	R/W	bit	DO-02_pulseSafeModeStatus	0: STOP, 1: START
0x1033	04148	R/W	bit	DO-03_pulseSafeModeStatus	0: STOP, 1: START
0x1034	04149	R/W	bit	DO-04_pulseSafeModeStatus	0: STOP, 1: START
0x1035	04150	R/W	bit	DO-05_pulseSafeModeStatus	0: STOP, 1: START
0x1036	04151	R/W	bit	DO-06_pulseSafeModeStatus	0: STOP, 1: START
0x1037	04152	R/W	bit	DO-07_pulseSafeModeStatus	0: STOP, 1: START
0x1038	04153	R/W	bit	DO-08_pulseSafeModeStatus	0: STOP, 1: START
0x1039	04154	R/W	bit	DO-09_pulseSafeModeStatus	0: STOP, 1: START
0x103A	04155	R/W	bit	DO-10_pulseSafeModeStatus	0: STOP, 1: START
0x103B	04156	R/W	bit	DO-11_pulseSafeModeStatus	0: STOP, 1: START
0x1040	04161	R/W	bit	DO-00_mode	0: DO, 1: Pulse
0x1041	04162	R/W	bit	DO-01_mode	0: DO, 1: Pulse
0x1042	04163	R/W	bit	DO-02_mode	0: DO, 1: Pulse
0x1043	04164	R/W	bit	DO-03_mode	0: DO, 1: Pulse
0x1044	04165	R/W	bit	DO-04_mode	0: DO, 1: Pulse
0x1045	04166	R/W	bit	DO-05_mode	0: DO, 1: Pulse
0x1046	04167	R/W	bit	DO-06_mode	0: DO, 1: Pulse
0x1047	04168	R/W	bit	DO-07_mode	0: DO, 1: Pulse
0x1048	04169	R/W	bit	DO-08_mode	0: DO, 1: Pulse
0x1049	04170	R/W	bit	DO-09_mode	0: DO, 1: Pulse
0x104A	04171	R/W	bit	DO-10_mode	0: DO, 1: Pulse
0x104B	04172	R/W	bit	DO-11_mode	0: DO, 1: Pulse
0x1200	04609	R/W	bit	AI-00_resetMinValue	1: reset min. value
0x1201	04610	R/W	bit	AI-01_resetMinValue	1: reset min. value
0x1202	04611	R/W	bit	AI-02_resetMinValue	1: reset min. value
0x1203	04612	R/W	bit	AI-03_resetMinValue	1: reset min. value
0x1204	04613	R/W	bit	AI-04_resetMinValue	1: reset min. value
0x1208	04617	R/W	bit	AI-00_resetMaxValue	1: reset max. value
0x1209	04618	R/W	bit	AI-01_resetMaxValue	1: reset max. value
0x120A	04619	R/W	bit	AI-02_resetMaxValue	1: reset max. value
0x120B	04620	R/W	bit	AI-03_resetMaxValue	1: reset max. value
0x120C	04621	R/W	bit	AI-04_resetMaxValue	1: reset max. value
0x1210	04625	R/W	bit	AI-00_function	0: Disable, 1: Enable
0x1211	04626	R/W	bit	AI-01_function	0: Disable, 1: Enable
0x1212	04627	R/W	bit	AI-02_function	0: Disable, 1: Enable
0x1213	04628	R/W	bit	AI-03_function	0: Disable, 1: Enable
0x1214	04629	R/W	bit	AI-04_function	0: Disable, 1: Enable
0x1600	05633	R/W	bit	RTD-00_resetMinValue	1: reset min. value
0x1601	05634	R/W	bit	RTD-01_resetMinValue	1: reset min. value
0x1602	05635	R/W	bit	RTD-02_resetMinValue	1: reset min. value
0x160C	05645	R/W	bit	RTD-00_resetMaxValue	1: reset max. value
0x160D	05646	R/W	bit	RTD-01_resetMaxValue	1: reset max. value
0x160E	05647	R/W	bit	RTD-02_resetMaxValue	1: reset max. value
0x1618	05657	R/W	bit	RTD-00_function	0: Disable, 1: Enable
0x1619	05658	R/W	bit	RTD-01_function	0: Disable, 1: Enable
0x161A	05659	R/W	bit	RTD-02_function	0: Disable, 1: Enable
0x2000	08193	R/W	bit	DI-00_mode	0: DI, 1: Counter
0x2001	08194	R/W	bit	DI-01_mode	0: DI, 1: Counter
0x2002	08195	R/W	bit	DI-02_mode	0: DI, 1: Counter
0x2003	08196	R/W	bit	DI-03_mode	0: DI, 1: Counter
0x2004	08197	R/W	bit	DI-04_mode	0: DI, 1: Counter
0x2005	08198	R/W	bit	DI-05_mode	0: DI, 1: Counter
0x2006	08199	R/W	bit	DI-06_mode	0: DI, 1: Counter
0x2007	08200	R/W	bit	DI-07_mode	0: DI, 1: Counter

	08201	R/W	bit	DI-08_mode	0: DI, 1: Counter
0x2009	08202	R/W	bit	DI-09_mode	0: DI, 1: Counter
0x200A	08203	R/W	bit	DI-10_mode	0: DI, 1: Counter
0x200B	08204	R/W	bit	DI-11_mode	0: DI, 1: Counter
0x2010	08209	R/W	bit	DI-00_counterPowerOnStatus	0: STOP, 1: START
0x2011	08210	R/W	bit	DI-01_counterPowerOnStatus	0: STOP, 1: START
0x2012	08211	R/W	bit	DI-02_counterPowerOnStatus	0: STOP, 1: START
0x2013	08212	R/W	bit	DI-03_counterPowerOnStatus	0: STOP, 1: START
0x2014	08213	R/W	bit	DI-04_counterPowerOnStatus	0: STOP, 1: START
0x2015	08214	R/W	bit	DI-05_counterPowerOnStatus	0: STOP, 1: START
0x2016	08215	R/W	bit	DI-06_counterPowerOnStatus	0: STOP, 1: START
0x2017	08216	R/W	bit	DI-07_counterPowerOnStatus	0: STOP, 1: START
0x2018	08217	R/W	bit	DI-08_counterPowerOnStatus	0: STOP, 1: START
0x2019	08218	R/W	bit	DI-09_counterPowerOnStatus	0: STOP, 1: START
0x201A	08219	R/W	bit	DI-10_counterPowerOnStatus	0: STOP, 1: START
0x201B	08220	R/W	bit	DI-11_counterPowerOnStatus	0: STOP, 1: START
0x2020	08225	R/W	bit	DI-00_counterSafeModeStatus	0: STOP, 1: START
0x2021	08226	R/W	bit	DI-01_counterSafeModeStatus	0: STOP, 1: START
0x2022	08227	R/W	bit	DI-02_counterSafeModeStatus	0: STOP, 1: START
0x2023	08228	R/W	bit	DI-03_counterSafeModeStatus	0: STOP, 1: START
0x2024	08229	R/W	bit	DI-04_counterSafeModeStatus	0: STOP, 1: START
0x2025	08230	R/W	bit	DI-05_counterSafeModeStatus	0: STOP, 1: START
0x2026	08231	R/W	bit	DI-06_counterSafeModeStatus	0: STOP, 1: START
0x2027	08232	R/W	bit	DI-07_counterSafeModeStatus	0: STOP, 1: START
0x2028	08233	R/W	bit	DI-08_counterSafeModeStatus	0: STOP, 1: START
0x2029	08234	R/W	bit	DI-09_counterSafeModeStatus	0: STOP, 1: START
0x202A	08235	R/W	bit	DI-10_counterSafeModeStatus	0: STOP, 1: START
0x202B	08236	R/W	bit	DI-11_counterSafeModeStatus	0: STOP, 1: START
0x2030	08241	R/W	bit	DI-00_counterEvent	0: Rising Edge, 1: Falling Edge
0x2031	08242	R/W	bit	DI-01_counterEvent	0: Rising Edge, 1: Falling Edge
0x2032	08243	R/W	bit	DI-02_counterEvent	0: Rising Edge, 1: Falling Edge
0x2033	08244	R/W	bit	DI-03_counterEvent	0: Rising Edge, 1: Falling Edge
0x2034	08245	R/W	bit	DI-04_counterEvent	0: Rising Edge, 1: Falling Edge
0x2035	08246	R/W	bit	DI-05_counterEvent	0: Rising Edge, 1: Falling Edge
0x2036	08247	R/W	bit	DI-06_counterEvent	0: Rising Edge, 1: Falling Edge
0x2037	08248	R/W	bit	DI-07_counterEvent	0: Rising Edge, 1: Falling Edge
0x2038	08249	R/W	bit	DI-08_counterEvent	0: Rising Edge, 1: Falling Edge
0x2039	08250	R/W	bit	DI-09_counterEvent	0: Rising Edge, 1: Falling Edge
0x203A	08251	R/W	bit	DI-10_counterEvent	0: Rising Edge, 1: Falling Edge
0x203B	08252	R/W	bit	DI-11_counterEvent	0: Rising Edge, 1: Falling Edge
0x2040	08257	R/W	bit	DI-00_counterOverflowFlag	1: clear overflow flag
0x2041	08258	R/W	bit	DI-01_counterOverflowFlag	1: clear overflow flag
0x2042	08259	R/W	bit	DI-02_counterOverflowFlag	1: clear overflow flag
0x2043	08260	R/W	bit	DI-03_counterOverflowFlag	1: clear overflow flag
0x2044	08261	R/W	bit	DI-04_counterOverflowFlag	1: clear overflow flag
0x2045	08262	R/W	bit	DI-05_counterOverflowFlag	1: clear overflow flag
0x2046	08263	R/W	bit	DI-06_counterOverflowFlag	1: clear overflow flag
0x2047	08264	R/W	bit	DI-07_counterOverflowFlag	1: clear overflow flag
0x2048	08265	R/W	bit	DI-08_counterOverflowFlag	1: clear overflow flag
0x2049	08266	R/W	bit	DI-09_counterOverflowFlag	1: clear overflow flag
0x204A	08267	R/W	bit	DI-10_counterOverflowFlag	1: clear overflow flag
0x204B	08268	R/W	bit	DI-11_counterOverflowFlag	1: clear overflow flag
0x2050	08273	R/W	bit	DI-00_counterPowerOffStorage	0: Disable, 1: Enable
0x2051	08274	R/W	bit	DI-01_counterPowerOffStorage	0: Disable, 1: Enable
0x2052	08275	R/W	bit	DI-02_counterPowerOffStorage	0: Disable, 1: Enable
0x2053	08276	R/W	bit	DI-03_counterPowerOffStorage	0: Disable, 1: Enable
0x2054	08277	R/W	bit	DI-04_counterPowerOffStorage	0: Disable, 1: Enable
0x2055	08278	R/W	bit	DI-05_counterPowerOffStorage	0: Disable, 1: Enable
0x2056	08279	R/W	bit	DI-06_counterPowerOffStorage	0: Disable, 1: Enable
0x2057	08280	R/W	bit	DI-07_counterPowerOffStorage	0: Disable, 1: Enable

	08281	R/W	bit	DI-08_counterPowerOffStorage	0: Disable, 1: Enable
0x2059	08282	R/W	bit	DI-09_counterPowerOffStorage	0: Disable, 1: Enable
0x205A	08283	R/W	bit	DI-10_counterPowerOffStorage	0: Disable, 1: Enable
0x205B	08284	R/W	bit	DI-11_counterPowerOffStorage	0: Disable, 1: Enable
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0008	10009	R	bit	DI-08_status	0: OFF, 1: ON
0x0009	10010	R	bit	DI-09_status	0: OFF, 1: ON
0x000A	10011	R	bit	DI-10_status	0: OFF, 1: ON
0x000B	10012	R	bit	DI-11_status	0: OFF, 1: ON
0x1000	14097	R	bit	DIO-00_mode	0: DI, 1: DO
0x1001	14098	R	bit	DIO-01_mode	0: DI, 1: DO
0x1002	14099	R	bit	DIO-02_mode	0: DI, 1: DO
0x1003	14100	R	bit	DIO-03_mode	0: DI, 1: DO
0x1004	14101	R	bit	DIO-04_mode	0: DI, 1: DO
0x1005	14102	R	bit	DIO-05_mode	0: DI, 1: DO
0x1006	14103	R	bit	DIO-06_mode	0: DI, 1: DO
0x1007	14104	R	bit	DIO-07_mode	0: DI, 1: DO
0x1008	14105	R	bit	DIO-08_mode	0: DI, 1: DO
0x1009	14106	R	bit	DIO-09_mode	0: DI, 1: DO
0x100A	14107	R	bit	DIO-10_mode	0: DI, 1: DO
0x100B	14108	R	bit	DIO-11_mode	0: DI, 1: DO
0x3910	14609	R/W	bit	AI-00_mode	0: Voltage, 1: Current
0x3911	14610	R/W	bit	AI-01_mode	0: Voltage, 1: Current
0x3912	14611	R/W	bit	AI-02_mode	0: Voltage, 1: Current
0x3913	14612	R/W	bit	AI-03_mode	0: Voltage, 1: Current
0x3914	14613	R/W	bit	AI-04_mode	0: Voltage, 1: Current
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON
0x0008	30009	R	word	DI-08_status	0: OFF, 1: ON
0x0009	30010	R	word	DI-09_status	0: OFF, 1: ON
0x000A	30011	R	word	DI-10_status	0: OFF, 1: ON
0x000B	30012	R	word	DI-11_status	0: OFF, 1: ON
0x0010	30017	R	word	DI-00_counterValueHigh	high word
0x0011	30018	R	word	DI-00_counterValueLow	low word
0x0012	30019	R	word	DI-01_counterValueHigh	high word
0x0013	30020	R	word	DI-01_counterValueLow	low word
0x0014	30021	R	word	DI-02_counterValueHigh	high word
0x0015	30022	R	word	DI-02_counterValueLow	low word
0x0016	30023	R	word	DI-03_counterValueHigh	high word
0x0017	30024	R	word	DI-03_counterValueLow	low word
0x0018	30025	R	word	DI-04_counterValueHigh	high word
0x0019	30026	R	word	DI-04_counterValueLow	low word
0x001A	30027	R	word	DI-05_counterValueHigh	high word
0x001B	30028	R	word	DI-05_counterValueLow	low word
0x001C	30029	R	word	DI-06_counterValueHigh	high word
0x001D	30030	R	word	DI-06_counterValueLow	low word
0x001E	30031	R	word	DI-07_counterValueHigh	high word

	30032	R	word	DI-07_counterValueLow	low word
0x0020	30033	R	word	DI-08_counterValueHigh	high word
0x0021	30034	R	word	DI-08_counterValueLow	low word
0x0022	30035	R	word	DI-09_counterValueHigh	high word
0x0023	30036	R	word	DI-09_counterValueLow	low word
0x0024	30037	R	word	DI-10_counterValueHigh	high word
0x0025	30038	R	word	DI-10_counterValueLow	low word
0x0026	30039	R	word	DI-11_counterValueHigh	high word
0x0027	30040	R	word	DI-11_counterValueLow	low word
0x0030	30049	R	word	DI-all_statusFromDI-00	0: OFF, 1: ON
0x0200	30513	R	word	AI-00_rawValue	
0x0201	30514	R	word	AI-01_rawValue	
0x0202	30515	R	word	AI-02_rawValue	
0x0203	30516	R	word	AI-03_rawValue	
0x0204	30517	R	word	AI-04_rawValue	
0x0208	30521	R	word	AI-00_scaledValueHigh	high word
0x0209	30522	R	word	AI-00_scaledValueLow	low word
0x020A	30523	R	word	AI-01_scaledValueHigh	high word
0x020B	30524	R	word	AI-01_scaledValueLow	low word
0x020C	30525	R	word	AI-02_scaledValueHigh	high word
0x020D	30526	R	word	AI-02_scaledValueLow	low word
0x020E	30527	R	word	AI-03_scaledValueHigh	high word
0x020F	30528	R	word	AI-03_scaledValueLow	low word
0x0210	30529	R	word	AI-04_scaledValueHigh	high word
0x0211	30530	R	word	AI-04_scaledValueLow	low word
0x0600	31537	R	word	RTD-00_rawValueHigh	high word
0x0601	31538	R	word	RTD-00_rawValueLow	low word
0x0602	31539	R	word	RTD-01_rawValueHigh	high word
0x0603	31540	R	word	RTD-01_rawValueLow	low word
0x0604	31541	R	word	RTD-02_rawValueHigh	high word
0x1000	34097	R	word	DIO-00_mode	0: DI, 1: DO
0x1001	34098	R	word	DIO-01_mode	0: DI, 1: DO
0x1002	34099	R	word	DIO-02_mode	0: DI, 1: DO
0x1003	34100	R	word	DIO-03_mode	0: DI, 1: DO
0x1004	34101	R	word	DIO-04_mode	0: DI, 1: DO
0x1005	34102	R	word	DIO-05_mode	0: DI, 1: DO
0x1006	34103	R	word	DIO-06_mode	0: DI, 1: DO
0x1007	34104	R	word	DIO-07_mode	0: DI, 1: DO
0x1008	34105	R	word	DIO-08_mode	0: DI, 1: DO
0x1009	34106	R	word	DIO-09_mode	0: DI, 1: DO
0x100A	34107	R	word	DIO-10_mode	0: DI, 1: DO
0x100B	34108	R	word	DIO-11_mode	0: DI, 1: DO
0x1200	34609	R	word	AI-00_mode	0: Voltage, 1: Current
0x1201	34610	R	word	AI-01_mode	0: Voltage, 1: Current
0x1202	34611	R	word	AI-02_mode	0: Voltage, 1: Current
0x1203	34612	R	word	AI-03_mode	0: Voltage, 1: Current
0x1204	34613	R	word	AI-04_mode	0: Voltage, 1: Current
0x1208	34617	R	word	AI-00_rawValueMin	
0x1209	34618	R	word	AI-01_rawValueMin	
0x120A	34619	R	word	AI-02_rawValueMin	
0x120B	34620	R	word	AI-03_rawValueMin	
0x120C	34621	R	word	AI-04_rawValueMin	
0x1210	34625	R	word	AI-00_rawValueMax	
0x1211	34626	R	word	AI-01_rawValueMax	
0x1212	34627	R	word	AI-02_rawValueMax	
0x1213	34628	R	word	AI-03_rawValueMax	
0x1214	34629	R	word	AI-04_rawValueMax	
0x1220	34641	R	word	AI-00_scaledValueMinHigh	high word
0x1221	34642	R	word	AI-00_scaledValueMinLow	low word
0x1222	34643	R	word	AI-01_scaledValueMinHigh	high word

	34644	R	word	AI-01_scaledValueMinLow	low word
0x1224	34645	R	word	AI-02_scaledValueMinHigh	high word
0x1225	34646	R	word	AI-02_scaledValueMinLow	low word
0x1226	34647	R	word	AI-03_scaledValueMinHigh	high word
0x1227	34648	R	word	AI-03_scaledValueMinLow	low word
0x1228	34649	R	word	AI-04_scaledValueMinHigh	high word
0x1229	34650	R	word	AI-04_scaledValueMinLow	low word
0x1230	34657	R	word	AI-00_scaledValueMaxHigh	high word
0x1231	34658	R	word	AI-00_scaledValueMaxLow	low word
0x1232	34659	R	word	AI-01_scaledValueMaxHigh	high word
0x1233	34660	R	word	AI-01_scaledValueMaxLow	low word
0x1234	34661	R	word	AI-02_scaledValueMaxHigh	high word
0x1235	34662	R	word	AI-02_scaledValueMaxLow	low word
0x1236	34663	R	word	AI-03_scaledValueMaxHigh	high word
0x1237	34664	R	word	AI-03_scaledValueMaxLow	low word
0x1238	34665	R	word	AI-04_scaledValueMaxHigh	high word
0x1239	34666	R	word	AI-04_scaledValueMaxLow	low word
0x1600	35633	R	word	RTD-00_rawValueMinHigh	high word
0x1601	35634	R	word	RTD-00_rawValueMinLow	low word
0x1602	35635	R	word	RTD-01_rawValueMinHigh	high word
0x1603	35636	R	word	RTD-01_rawValueMinLow	low word
0x1604	35637	R	word	RTD-02_rawValueMinHigh	high word
0x1605	35638	R	word	RTD-02_rawValueMinLow	low word
0x1606	35639	R	word	RTD-03_rawValueMinHigh	high word
0x1607	35640	R	word	RTD-03_rawValueMinLow	low word
0x1608	35641	R	word	RTD-04_rawValueMinHigh	high word
0x1609	35642	R	word	RTD-04_rawValueMinLow	low word
0x160A	35643	R	word	RTD-05_rawValueMinHigh	high word
0x160B	35644	R	word	RTD-05_rawValueMinLow	low word
0x160C	35645	R	word	RTD-00_rawValueMaxHigh	high word
0x160D	35646	R	word	RTD-00_rawValueMaxLow	low word
0x160E	35647	R	word	RTD-01_rawValueMaxHigh	high word
0x160F	35648	R	word	RTD-01_rawValueMaxLow	low word
0x1610	35649	R	word	RTD-02_rawValueMaxHigh	high word
0x1611	35650	R	word	RTD-02_rawValueMaxLow	low word
0x1612	35651	R	word	RTD-03_rawValueMaxHigh	high word
0x1613	35652	R	word	RTD-03_rawValueMaxLow	low word
0x1614	35653	R	word	RTD-04_rawValueMaxHigh	high word
0x1615	35654	R	word	RTD-04_rawValueMaxLow	low word
0x1616	35655	R	word	RTD-05_rawValueMaxHigh	high word
0x1617	35656	R	word	RTD-05_rawValueMaxLow	low word
0x0000	40001	R/W	word	DO-00_status	0: OFF, 1: ON
0x0001	40002	R/W	word	DO-01_status	0: OFF, 1: ON
0x0002	40003	R/W	word	DO-02_status	0: OFF, 1: ON
0x0003	40004	R/W	word	DO-03_status	0: OFF, 1: ON
0x0004	40005	R/W	word	DO-04_status	0: OFF, 1: ON
0x0005	40006	R/W	word	DO-05_status	0: OFF, 1: ON
0x0006	40007	R/W	word	DO-06_status	0: OFF, 1: ON
0x0007	40008	R/W	word	DO-07_status	0: OFF, 1: ON
0x0008	40009	R/W	word	DO-08_status	0: OFF, 1: ON
0x0009	40010	R/W	word	DO-09_status	0: OFF, 1: ON
0x000A	40011	R/W	word	DO-10_status	0: OFF, 1: ON
0x000B	40012	R/W	word	DO-11_status	0: OFF, 1: ON
0x0010	40017	R/W	word	DO-00_pulseStatus	0: STOP, 1: START
0x0011	40018	R/W	word	DO-01_pulseStatus	0: STOP, 1: START
0x0012	40019	R/W	word	DO-02_pulseStatus	0: STOP, 1: START
0x0013	40020	R/W	word	DO-03_pulseStatus	0: STOP, 1: START
0x0014	40021	R/W	word	DO-04_pulseStatus	0: STOP, 1: START
0x0015	40022	R/W	word	DO-05_pulseStatus	0: STOP, 1: START
0x0016	40023	R/W	word	DO-06_pulseStatus	0: STOP, 1: START

	40024	R/W	word	DO-07_pulseStatus	0: STOP, 1: START
0x0018	40025	R/W	word	DO-08_pulseStatus	0: STOP, 1: START
0x0019	40026	R/W	word	DO-09_pulseStatus	0: STOP, 1: START
0x001A	40027	R/W	word	DO-10_pulseStatus	0: STOP, 1: START
0x001B	40028	R/W	word	DO-11_pulseStatus	0: STOP, 1: START

ioLogik E1261H Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0000	00001	R/W	bit	DO-00_status	0: OFF, 1: ON
0x0001	00002	R/W	bit	DO-01_status	0: OFF, 1: ON
0x0002	00003	R/W	bit	DO-02_status	0: OFF, 1: ON
0x0003	00004	R/W	bit	DO-03_status	0: OFF, 1: ON
0x0004	00005	R/W	bit	DO-04_status	0: OFF, 1: ON
0x0005	00006	R/W	bit	DO-05_status	0: OFF, 1: ON
0x0006	00007	R/W	bit	DO-06_status	0: OFF, 1: ON
0x0007	00008	R/W	bit	DO-07_status	0: OFF, 1: ON
0x0008	00009	R/W	bit	DO-08_status	0: OFF, 1: ON
0x0009	00010	R/W	bit	DO-09_status	0: OFF, 1: ON
0x000A	00011	R/W	bit	DO-10_status	0: OFF, 1: ON
0x000B	00012	R/W	bit	DO-11_status	0: OFF, 1: ON
0x0020	00033	R/W	bit	DO-00_pulseStatus	0: STOP, 1: START
0x0021	00034	R/W	bit	DO-01_pulseStatus	0: STOP, 1: START
0x0022	00035	R/W	bit	DO-02_pulseStatus	0: STOP, 1: START
0x0023	00036	R/W	bit	DO-03_pulseStatus	0: STOP, 1: START
0x0100	00257	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0101	00258	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0102	00259	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0103	00260	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0120	00289	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0121	00290	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0122	00291	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0123	00292	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0300	00769	R/W	bit	DIO-00_mode	0: DI, 1: DO
0x0301	00770	R/W	bit	DIO-01_mode	0: DI, 1: DO
0x0302	00771	R/W	bit	DIO-02_mode	0: DI, 1: DO
0x0303	00772	R/W	bit	DIO-03_mode	0: DI, 1: DO
0x0304	00773	R/W	bit	DIO-04_mode	0: DI, 1: DO
0x0305	00774	R/W	bit	DIO-05_mode	0: DI, 1: DO
0x0306	00775	R/W	bit	DIO-06_mode	0: DI, 1: DO
0x0307	00776	R/W	bit	DIO-07_mode	0: DI, 1: DO
0x0308	00777	R/W	bit	DIO-08_mode	0: DI, 1: DO
0x0309	00778	R/W	bit	DIO-09_mode	0: DI, 1: DO
0x030A	00779	R/W	bit	DIO-10_mode	0: DI, 1: DO
0x030B	00780	R/W	bit	DIO-11_mode	0: DI, 1: DO
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0008	10009	R	bit	DI-08_status	0: OFF, 1: ON
0x0009	10010	R	bit	DI-09_status	0: OFF, 1: ON

0x000A	10011	R	bit	DI-10_status	0: OFF, 1: ON
0x000B	10012	R	bit	DI-11_status	0: OFF, 1: ON
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON
0x0008	30009	R	word	DI-08_status	0: OFF, 1: ON
0x0009	30010	R	word	DI-09_status	0: OFF, 1: ON
0x000A	30011	R	word	DI-10_status	0: OFF, 1: ON
0x000B	30012	R	word	DI-11_status	0: OFF, 1: ON
0x0020	30033	R	word	DI-00_counterValueHigh	high word
0x0021	30034	R	word	DI-00_counterValueLow	low word
0x0022	30035	R	word	DI-01_counterValueHigh	high word
0x0023	30036	R	word	DI-01_counterValueLow	low word
0x0024	30037	R	word	DI-02_counterValueHigh	high word
0x0025	30038	R	word	DI-02_counterValueLow	low word
0x0026	30039	R	word	DI-03_counterValueHigh	high word
0x0027	30040	R	word	DI-03_counterValueLow	low word
0x0040	30065	R	word	DI-all_statusFromDI-00	0: OFF, 1: ON
0x0200	30513	R	word	AI-00_rawValue	
0x0201	30514	R	word	AI-01_rawValue	
0x0202	30515	R	word	AI-02_rawValue	
0x0203	30516	R	word	AI-03_rawValue	
0x0204	30517	R	word	AI-04_rawValue	
0x0210	30529	R	word	AI-00_scaledValueHigh	high word
0x0211	30530	R	word	AI-00_scaledValueLow	low word
0x0212	30531	R	word	AI-01_scaledValueHigh	high word
0x0213	30532	R	word	AI-01_scaledValueLow	low word
0x0214	30533	R	word	AI-02_scaledValueHigh	high word
0x0215	30534	R	word	AI-02_scaledValueLow	low word
0x0216	30535	R	word	AI-03_scaledValueHigh	high word
0x0217	30536	R	word	AI-03_scaledValueLow	low word
0x0218	30537	R	word	AI-04_scaledValueHigh	high word
0x0219	30538	R	word	AI-04_scaledValueLow	low word
0x0230	30561	R	word	AI-00_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0231	30562	R	word	AI-01_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0232	30563	R	word	AI-02_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0233	30564	R	word	AI-03_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0234	30565	R	word	AI-04_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0600	31537	R	word	RTD-00_rawValueHigh	high word
0x0601	31538	R	word	RTD-00_rawValueLow	low word

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0602	31539	R	word	RTD-01_rawValueHigh	high word
0x0603	31540	R	word	RTD-01_rawValueLow	low word
0x0604	31541	R	word	RTD-02_rawValueHigh	high word
0x0000	40001	R/W	word	DO-00_status	0: OFF, 1: ON
0x0001	40002	R/W	word	DO-01_status	0: OFF, 1: ON
0x0002	40003	R/W	word	DO-02_status	0: OFF, 1: ON
0x0003	40004	R/W	word	DO-03_status	0: OFF, 1: ON
0x0004	40005	R/W	word	DO-04_status	0: OFF, 1: ON
0x0005	40006	R/W	word	DO-05_status	0: OFF, 1: ON
0x0006	40007	R/W	word	DO-06_status	0: OFF, 1: ON
0x0007	40008	R/W	word	DO-07_status	0: OFF, 1: ON
0x0008	40009	R/W	word	DO-08_status	0: OFF, 1: ON
0x0009	40010	R/W	word	DO-09_status	0: OFF, 1: ON
0x000A	40011	R/W	word	DO-10_status	0: OFF, 1: ON
0x000B	40012	R/W	word	DO-11_status	0: OFF, 1: ON
0x0020	40033	R/W	word	DO-00_pulseStatus	0: STOP, 1: START
0x0021	40034	R/W	word	DO-01_pulseStatus	0: STOP, 1: START
0x0022	40035	R/W	word	DO-02_pulseStatus	0: STOP, 1: START
0x0023	40036	R/W	word	DO-03_pulseStatus	0: STOP, 1: START
0x0040	40065	R/W	word	DO-all_statusFromDO-00	0: OFF, 1: ON
0x0100	40257	R/W	word	DI-00_counterStatus	0: STOP, 1: START
0x0101	40258	R/W	word	DI-01_counterStatus	0: STOP, 1: START
0x0102	40259	R/W	word	DI-02_counterStatus	0: STOP, 1: START
0x0103	40260	R/W	word	DI-03_counterStatus	0: STOP, 1: START
0x0120	40289	R/W	word	DI-00_counterReset	1: reset to initial value
0x0121	40290	R/W	word	DI-01_counterReset	1: reset to initial value
0x0122	40291	R/W	word	DI-02_counterReset	1: reset to initial value
0x0123	40292	R/W	word	DI-03_counterReset	1: reset to initial value
0x0250	40593	R/W	word	AI-00_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0251	40594	R/W	word	AI-01_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0252	40595	R/W	word	AI-02_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0253	40596	R/W	word	AI-03_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0254	40597	R/W	word	AI-04_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0610	41553	R/W	word	RTD-00_sensorType	1: PT100, 4: PT1000
0x0611	41554	R/W	word	RTD-01_sensorType	1: PT100, 4: PT1001
0x0612	41555	R/W	word	RTD-02_sensorType	1: PT100, 4: PT1002

ioLogik E1263H Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0000	00001	R/W	bit	DO-00_status	0: OFF, 1: ON
0x0001	00002	R/W	bit	DO-01_status	0: OFF, 1: ON
0x0002	00003	R/W	bit	DO-02_status	0: OFF, 1: ON
0x0003	00004	R/W	bit	DO-03_status	0: OFF, 1: ON
0x0004	00005	R/W	bit	DO-04_status	0: OFF, 1: ON

0x0005	00006	R/W	bit	DO-05_status	0: OFF, 1: ON
0x0006	00007	R/W	bit	DO-06_status	0: OFF, 1: ON
0x0007	00008	R/W	bit	DO-07_status	0: OFF, 1: ON
0x0008	00009	R/W	bit	DO-08_status	0: OFF, 1: ON
0x0009	00010	R/W	bit	DO-09_status	0: OFF, 1: ON
0x000A	00011	R/W	bit	DO-10_status	0: OFF, 1: ON
0x000B	00012	R/W	bit	DO-11_status	0: OFF, 1: ON
0x000C	00013	R/W	bit	DO-12_status	0: OFF, 1: ON
0x000D	00014	R/W	bit	DO-13_status	0: OFF, 1: ON
0x000E	00015	R/W	bit	DO-14_status	0: OFF, 1: ON
0x000F	00016	R/W	bit	DO-15_status	0: OFF, 1: ON
0x0010	00017	R/W	bit	DO-16_status	0: OFF, 1: ON
0x0011	00018	R/W	bit	DO-17_status	0: OFF, 1: ON
0x0012	00019	R/W	bit	DO-18_status	0: OFF, 1: ON
0x0013	00020	R/W	bit	DO-19_status	0: OFF, 1: ON
0x0014	00021	R/W	bit	DO-20_status	0: OFF, 1: ON
0x0015	00022	R/W	bit	DO-21_status	0: OFF, 1: ON
0x0016	00023	R/W	bit	DO-22_status	0: OFF, 1: ON
0x0017	00024	R/W	bit	DO-23_status	0: OFF, 1: ON
0x0020	00033	R/W	bit	DO-00_pulseStatus	0: STOP, 1: START
0x0021	00034	R/W	bit	DO-01_pulseStatus	0: STOP, 1: START
0x0022	00035	R/W	bit	DO-02_pulseStatus	0: STOP, 1: START
0x0023	00036	R/W	bit	DO-03_pulseStatus	0: STOP, 1: START
0x0024	00037	R/W	bit	DO-04_pulseStatus	0: STOP, 1: START
0x0025	00038	R/W	bit	DO-05_pulseStatus	0: STOP, 1: START
0x0026	00039	R/W	bit	DO-06_pulseStatus	0: STOP, 1: START
0x0027	00040	R/W	bit	DO-07_pulseStatus	0: STOP, 1: START
0x0100	00257	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0101	00258	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0102	00259	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0103	00260	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0104	00261	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0105	00262	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0106	00263	R/W	bit	DI-06_counterStatus	0: STOP, 1: START
0x0107	00264	R/W	bit	DI-07_counterStatus	0: STOP, 1: START
0x0120	00289	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0121	00290	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0122	00291	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0123	00292	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0124	00293	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0125	00294	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0126	00295	R/W	bit	DI-06_counterReset	1: reset to initial value
0x0127	00296	R/W	bit	DI-07_counterReset	1: reset to initial value
0x0300	00769	R/W	bit	DIO-00_mode	0: DI, 1: DO
0x0301	00770	R/W	bit	DIO-01_mode	0: DI, 1: DO
0x0302	00771	R/W	bit	DIO-02_mode	0: DI, 1: DO
0x0303	00772	R/W	bit	DIO-03_mode	0: DI, 1: DO
0x0304	00773	R/W	bit	DIO-04_mode	0: DI, 1: DO
0x0305	00774	R/W	bit	DIO-05_mode	0: DI, 1: DO
0x0306	00775	R/W	bit	DIO-06_mode	0: DI, 1: DO
0x0307	00776	R/W	bit	DIO-07_mode	0: DI, 1: DO
0x0308	00777	R/W	bit	DIO-08_mode	0: DI, 1: DO
0x0309	00778	R/W	bit	DIO-09_mode	0: DI, 1: DO
0x030A	00779	R/W	bit	DIO-10_mode	0: DI, 1: DO
0x030B	00780	R/W	bit	DIO-11_mode	0: DI, 1: DO
0x030C	00781	R/W	bit	DIO-12_mode	0: DI, 1: DO
0x030D	00782	R/W	bit	DIO-13_mode	0: DI, 1: DO
0x030E	00783	R/W	bit	DIO-14_mode	0: DI, 1: DO
0x030F	00784	R/W	bit	DIO-15_mode	0: DI, 1: DO
0x0310	00785	R/W	bit	DIO-16_mode	0: DI, 1: DO

	00786	R/W	bit	DIO-17_mode	0: DI, 1: DO
0x0312	00787	R/W	bit	DIO-18_mode	0: DI, 1: DO
0x0313	00788	R/W	bit	DIO-19_mode	0: DI, 1: DO
0x0314	00789	R/W	bit	DIO-20_mode	0: DI, 1: DO
0x0315	00790	R/W	bit	DIO-21_mode	0: DI, 1: DO
0x0316	00791	R/W	bit	DIO-22_mode	0: DI, 1: DO
0x0317	00792	R/W	bit	DIO-23_mode	0: DI, 1: DO
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0008	10009	R	bit	DI-08_status	0: OFF, 1: ON
0x0009	10010	R	bit	DI-09_status	0: OFF, 1: ON
0x000A	10011	R	bit	DI-10_status	0: OFF, 1: ON
0x000B	10012	R	bit	DI-11_status	0: OFF, 1: ON
0x000C	10013	R	bit	DI-12_status	0: OFF, 1: ON
0x000D	10014	R	bit	DI-13_status	0: OFF, 1: ON
0x000E	10015	R	bit	DI-14_status	0: OFF, 1: ON
0x000F	10016	R	bit	DI-15_status	0: OFF, 1: ON
0x0010	10017	R	bit	DI-16_status	0: OFF, 1: ON
0x0011	10018	R	bit	DI-17_status	0: OFF, 1: ON
0x0012	10019	R	bit	DI-18_status	0: OFF, 1: ON
0x0013	10020	R	bit	DI-19_status	0: OFF, 1: ON
0x0014	10021	R	bit	DI-20_status	0: OFF, 1: ON
0x0015	10022	R	bit	DI-21_status	0: OFF, 1: ON
0x0016	10023	R	bit	DI-22_status	0: OFF, 1: ON
0x0017	10024	R	bit	DI-23_status	0: OFF, 1: ON
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON
0x0008	30009	R	word	DI-08_status	0: OFF, 1: ON
0x0009	30010	R	word	DI-09_status	0: OFF, 1: ON
0x000A	30011	R	word	DI-10_status	0: OFF, 1: ON
0x000B	30012	R	word	DI-11_status	0: OFF, 1: ON
0x000C	30013	R	word	DI-12_status	0: OFF, 1: ON
0x000D	30014	R	word	DI-13_status	0: OFF, 1: ON
0x000E	30015	R	word	DI-14_status	0: OFF, 1: ON
0x000F	30016	R	word	DI-15_status	0: OFF, 1: ON
0x0010	30017	R	word	DI-16_status	0: OFF, 1: ON
0x0011	30018	R	word	DI-17_status	0: OFF, 1: ON
0x0012	30019	R	word	DI-18_status	0: OFF, 1: ON
0x0013	30020	R	word	DI-19_status	0: OFF, 1: ON
0x0014	30021	R	word	DI-20_status	0: OFF, 1: ON
0x0015	30022	R	word	DI-21_status	0: OFF, 1: ON
0x0016	30023	R	word	DI-22_status	0: OFF, 1: ON
0x0017	30024	R	word	DI-23_status	0: OFF, 1: ON
0x0020	30033	R	word	DI-00_counterValueHigh	high word
0x0021	30034	R	word	DI-00_counterValueLow	low word
0x0022	30035	R	word	DI-01_counterValueHigh	high word
0x0023	30036	R	word	DI-01_counterValueLow	low word
0x0024	30037	R	word	DI-02_counterValueHigh	high word

	30038	R	word	DI-02_counterValueLow	low word
0x0026	30039	R	word	DI-03_counterValueHigh	high word
0x0027	30040	R	word	DI-03_counterValueLow	low word
0x0028	30041	R	word	DI-04_counterValueHigh	high word
0x0029	30042	R	word	DI-04_counterValueLow	low word
0x002A	30043	R	word	DI-05_counterValueHigh	high word
0x002B	30044	R	word	DI-05_counterValueLow	low word
0x002C	30045	R	word	DI-06_counterValueHigh	high word
0x002D	30046	R	word	DI-06_counterValueLow	low word
0x002E	30047	R	word	DI-07_counterValueHigh	high word
0x002F	30048	R	word	DI-07_counterValueLow	low word
0x0040	30065	R	word	DI-all_statusFromDI-00	0: OFF, 1: ON
0x0041	30066	R	word	DI-all_statusFromDI-16	0: OFF, 1: ON
0x0200	30513	R	word	AI-00_rawValue	
0x0201	30514	R	word	AI-01_rawValue	
0x0202	30515	R	word	AI-02_rawValue	
0x0203	30516	R	word	AI-03_rawValue	
0x0204	30517	R	word	AI-04_rawValue	
0x0205	30518	R	word	AI-05_rawValue	
0x0206	30519	R	word	AI-06_rawValue	
0x0207	30520	R	word	AI-07_rawValue	
0x0208	30521	R	word	AI-08_rawValue	
0x0209	30522	R	word	AI-09_rawValue	
0x0210	30529	R	word	AI-00_scaledValueHigh	high word
0x0211	30530	R	word	AI-00_scaledValueLow	low word
0x0212	30531	R	word	AI-01_scaledValueHigh	high word
0x0213	30532	R	word	AI-01_scaledValueLow	low word
0x0214	30533	R	word	AI-02_scaledValueHigh	high word
0x0215	30534	R	word	AI-02_scaledValueLow	low word
0x0216	30535	R	word	AI-03_scaledValueHigh	high word
0x0217	30536	R	word	AI-03_scaledValueLow	low word
0x0218	30537	R	word	AI-04_scaledValueHigh	high word
0x0219	30538	R	word	AI-04_scaledValueLow	low word
0x021A	30539	R	word	AI-05_scaledValueHigh	high word
0x021B	30540	R	word	AI-05_scaledValueLow	low word
0x021C	30541	R	word	AI-06_scaledValueHigh	high word
0x021D	30542	R	word	AI-06_scaledValueLow	low word
0x021E	30543	R	word	AI-07_scaledValueHigh	high word
0x021F	30544	R	word	AI-07_scaledValueLow	low word
0x0220	30545	R	word	AI-08_scaledValueHigh	high word
0x0221	30546	R	word	AI-08_scaledValueLow	low word
0x0222	30547	R	word	AI-09_scaledValueHigh	high word
0x0223	30548	R	word	AI-09_scaledValueLow	low word
0x0230	30561	R	word	AI-00_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0231	30562	R	word	AI-01_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0232	30563	R	word	AI-02_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0233	30564	R	word	AI-03_status	0: normal, 1: burnout, 2: over range, 3: under range
					0: normal,

0x0234	30565	R	word	AI-04_status	1: burnout, 2: over range, 3: under range
0x0235	30566	R	word	AI-05_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0236	30567	R	word	AI-06_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0237	30568	R	word	AI-07_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0238	30569	R	word	AI-08_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0239	30570	R	word	AI-09_status	0: normal, 1: burnout, 2: over range, 3: under range
0x0600	31537	R	word	RTD-00_rawValueHigh	high word
0x0601	31538	R	word	RTD-00_rawValueLow	low word
0x0602	31539	R	word	RTD-01_rawValueHigh	high word
0x0603	31540	R	word	RTD-01_rawValueLow	low word
0x0604	31541	R	word	RTD-02_rawValueHigh	high word
0x0000	40001	R/W	word	DO-00_status	0: OFF, 1: ON
0x0001	40002	R/W	word	DO-01_status	0: OFF, 1: ON
0x0002	40003	R/W	word	DO-02_status	0: OFF, 1: ON
0x0003	40004	R/W	word	DO-03_status	0: OFF, 1: ON
0x0004	40005	R/W	word	DO-04_status	0: OFF, 1: ON
0x0005	40006	R/W	word	DO-05_status	0: OFF, 1: ON
0x0006	40007	R/W	word	DO-06_status	0: OFF, 1: ON
0x0007	40008	R/W	word	DO-07_status	0: OFF, 1: ON
0x0008	40009	R/W	word	DO-08_status	0: OFF, 1: ON
0x0009	40010	R/W	word	DO-09_status	0: OFF, 1: ON
0x000A	40011	R/W	word	DO-10_status	0: OFF, 1: ON
0x000B	40012	R/W	word	DO-11_status	0: OFF, 1: ON
0x000C	40013	R/W	word	DO-12_status	0: OFF, 1: ON
0x000D	40014	R/W	word	DO-13_status	0: OFF, 1: ON
0x000E	40015	R/W	word	DO-14_status	0: OFF, 1: ON
0x000F	40016	R/W	word	DO-15_status	0: OFF, 1: ON
0x0010	40017	R/W	word	DO-16_status	0: OFF, 1: ON
0x0011	40018	R/W	word	DO-17_status	0: OFF, 1: ON
0x0012	40019	R/W	word	DO-18_status	0: OFF, 1: ON
0x0013	40020	R/W	word	DO-19_status	0: OFF, 1: ON
0x0014	40021	R/W	word	DO-20_status	0: OFF, 1: ON
0x0015	40022	R/W	word	DO-21_status	0: OFF, 1: ON
0x0016	40023	R/W	word	DO-22_status	0: OFF, 1: ON
0x0017	40024	R/W	word	DO-23_status	0: OFF, 1: ON
0x0020	40033	R/W	word	DO-00_pulseStatus	0: STOP, 1: START
0x0021	40034	R/W	word	DO-01_pulseStatus	0: STOP, 1: START
0x0022	40035	R/W	word	DO-02_pulseStatus	0: STOP, 1: START
0x0023	40036	R/W	word	DO-03_pulseStatus	0: STOP, 1: START
0x0024	40037	R/W	word	DO-04_pulseStatus	0: STOP, 1: START
0x0025	40038	R/W	word	DO-05_pulseStatus	0: STOP, 1: START
0x0026	40039	R/W	word	DO-06_pulseStatus	0: STOP, 1: START
0x0027	40040	R/W	word	DO-07_pulseStatus	0: STOP, 1: START

0x0040	40065	R/W	word	DO-all_statusFromDO-00	0: OFF, 1: ON
0x0041	40066	R/W	word	DO-all_statusFromDO-16	0: OFF, 1: ON
0x0100	40257	R/W	word	DI-00_counterStatus	0: STOP, 1: START
0x0101	40258	R/W	word	DI-01_counterStatus	0: STOP, 1: START
0x0102	40259	R/W	word	DI-02_counterStatus	0: STOP, 1: START
0x0103	40260	R/W	word	DI-03_counterStatus	0: STOP, 1: START
0x0104	40261	R/W	word	DI-04_counterStatus	0: STOP, 1: START
0x0105	40262	R/W	word	DI-05_counterStatus	0: STOP, 1: START
0x0106	40263	R/W	word	DI-06_counterStatus	0: STOP, 1: START
0x0107	40264	R/W	word	DI-07_counterStatus	0: STOP, 1: START
0x0120	40289	R/W	word	DI-00_counterReset	1: reset to initial value
0x0121	40290	R/W	word	DI-01_counterReset	1: reset to initial value
0x0122	40291	R/W	word	DI-02_counterReset	1: reset to initial value
0x0123	40292	R/W	word	DI-03_counterReset	1: reset to initial value
0x0124	40293	R/W	word	DI-04_counterReset	1: reset to initial value
0x0125	40294	R/W	word	DI-05_counterReset	1: reset to initial value
0x0126	40295	R/W	word	DI-06_counterReset	1: reset to initial value
0x0127	40296	R/W	word	DI-07_counterReset	1: reset to initial value
0x0250	40593	R/W	word	AI-00_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0251	40594	R/W	word	AI-01_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0252	40595	R/W	word	AI-02_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0253	40596	R/W	word	AI-03_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0254	40597	R/W	word	AI-04_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0255	40598	R/W	word	AI-05_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0256	40599	R/W	word	AI-06_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0257	40600	R/W	word	AI-07_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0258	40601	R/W	word	AI-08_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0259	40602	R/W	word	AI-09_mode	0: 0-10 V, 2: 4-20 mA burnout, 3: 0-20 mA
0x0610	41553	R/W	word	RTD-00_sensorType	1: PT100, 4: PT1000
0x0611	41554	R/W	word	RTD-01_sensorType	1: PT100, 4: PT1001
0x0612	41555	R/W	word	RTD-02_sensorType	1: PT100, 4: PT1002

ioLogik E1510 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0100	00257	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0101	00258	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0102	00259	R/W	bit	DI-02_counterStatus	0: STOP, 1: START

0x0103	00260	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0104	00261	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0105	00262	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0106	00263	R/W	bit	DI-06_counterStatus	0: STOP, 1: START
0x0107	00264	R/W	bit	DI-07_counterStatus	0: STOP, 1: START
0x0108	00265	R/W	bit	DI-08_counterStatus	0: STOP, 1: START
0x0109	00266	R/W	bit	DI-09_counterStatus	0: STOP, 1: START
0x010A	00267	R/W	bit	DI-10_counterStatus	0: STOP, 1: START
0x010B	00268	R/W	bit	DI-11_counterStatus	0: STOP, 1: START
0x0110	00273	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0111	00274	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0112	00275	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0113	00276	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0114	00277	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0115	00278	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0116	00279	R/W	bit	DI-06_counterReset	1: reset to initial value
0x0117	00280	R/W	bit	DI-07_counterReset	1: reset to initial value
0x0118	00281	R/W	bit	DI-08_counterReset	1: reset to initial value
0x0119	00282	R/W	bit	DI-09_counterReset	1: reset to initial value
0x011A	00283	R/W	bit	DI-10_counterReset	1: reset to initial value
0x011B	00284	R/W	bit	DI-11_counterReset	1: reset to initial value
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0008	10009	R	bit	DI-08_status	0: OFF, 1: ON
0x0009	10010	R	bit	DI-09_status	0: OFF, 1: ON
0x000A	10011	R	bit	DI-10_status	0: OFF, 1: ON
0x000B	10012	R	bit	DI-11_status	0: OFF, 1: ON
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON
0x0008	30009	R	word	DI-08_status	0: OFF, 1: ON
0x0009	30010	R	word	DI-09_status	0: OFF, 1: ON
0x000A	30011	R	word	DI-10_status	0: OFF, 1: ON
0x000B	30012	R	word	DI-11_status	0: OFF, 1: ON
0x0010	30017	R	word	DI-00_counterValueHigh	high word
0x0011	30018	R	word	DI-00_counterValueLow	low word
0x0012	30019	R	word	DI-01_counterValueHigh	high word
0x0013	30020	R	word	DI-01_counterValueLow	low word
0x0014	30021	R	word	DI-02_counterValueHigh	high word
0x0015	30022	R	word	DI-02_counterValueLow	low word
0x0016	30023	R	word	DI-03_counterValueHigh	high word
0x0017	30024	R	word	DI-03_counterValueLow	low word
0x0018	30025	R	word	DI-04_counterValueHigh	high word
0x0019	30026	R	word	DI-04_counterValueLow	low word
0x001A	30027	R	word	DI-05_counterValueHigh	high word
0x001B	30028	R	word	DI-05_counterValueLow	low word
0x001C	30029	R	word	DI-06_counterValueHigh	high word
0x001D	30030	R	word	DI-06_counterValueLow	low word
0x001E	30031	R	word	DI-07_counterValueHigh	high word

	30032	R	word	DI-07_counterValueLow	low word
0x0020	30033	R	word	DI-08_counterValueHigh	high word
0x0021	30034	R	word	DI-08_counterValueLow	low word
0x0022	30035	R	word	DI-09_counterValueHigh	high word
0x0023	30036	R	word	DI-09_counterValueLow	low word
0x0024	30037	R	word	DI-10_counterValueHigh	high word
0x0025	30038	R	word	DI-10_counterValueLow	low word
0x0026	30039	R	word	DI-11_counterValueHigh	high word
0x0027	30040	R	word	DI-11_counterValueLow	low word
0x0030	30049	R	word	DI-all_statusFromDI-00	0: OFF, 1: ON
0x0100	40257	R/W	word	DI-00_counterStatus	0: STOP, 1: START
0x0101	40258	R/W	word	DI-01_counterStatus	0: STOP, 1: START
0x0102	40259	R/W	word	DI-02_counterStatus	0: STOP, 1: START
0x0103	40260	R/W	word	DI-03_counterStatus	0: STOP, 1: START
0x0104	40261	R/W	word	DI-04_counterStatus	0: STOP, 1: START
0x0105	40262	R/W	word	DI-05_counterStatus	0: STOP, 1: START
0x0106	40263	R/W	word	DI-06_counterStatus	0: STOP, 1: START
0x0107	40264	R/W	word	DI-07_counterStatus	0: STOP, 1: START
0x0108	40265	R/W	word	DI-08_counterStatus	0: STOP, 1: START
0x0109	40266	R/W	word	DI-09_counterStatus	0: STOP, 1: START
0x010A	40267	R/W	word	DI-10_counterStatus	0: STOP, 1: START
0x010B	40268	R/W	word	DI-11_counterStatus	0: STOP, 1: START
0x0110	40273	R/W	word	DI-00_counterReset	1: reset to initial value
0x0111	40274	R/W	word	DI-01_counterReset	1: reset to initial value
0x0112	40275	R/W	word	DI-02_counterReset	1: reset to initial value
0x0113	40276	R/W	word	DI-03_counterReset	1: reset to initial value
0x0114	40277	R/W	word	DI-04_counterReset	1: reset to initial value
0x0115	40278	R/W	word	DI-05_counterReset	1: reset to initial value
0x0116	40279	R/W	word	DI-06_counterReset	1: reset to initial value
0x0117	40280	R/W	word	DI-07_counterReset	1: reset to initial value
0x0118	40281	R/W	word	DI-08_counterReset	1: reset to initial value
0x0119	40282	R/W	word	DI-09_counterReset	1: reset to initial value
0x011A	40283	R/W	word	DI-10_counterReset	1: reset to initial value
0x011B	40284	R/W	word	DI-11_counterReset	1: reset to initial value

ioLogik E1512 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0000	00001	R/W	bit	DO-00_status	0: OFF, 1: ON
0x0001	00002	R/W	bit	DO-01_status	0: OFF, 1: ON
0x0002	00003	R/W	bit	DO-02_status	0: OFF, 1: ON
0x0003	00004	R/W	bit	DO-03_status	0: OFF, 1: ON
0x0010	00017	R/W	bit	DO-00_pulseStatus	0: STOP, 1: START
0x0011	00018	R/W	bit	DO-01_pulseStatus	0: STOP, 1: START
0x0012	00019	R/W	bit	DO-02_pulseStatus	0: STOP, 1: START
0x0013	00020	R/W	bit	DO-03_pulseStatus	0: STOP, 1: START
0x0100	00257	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0101	00258	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0102	00259	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0103	00260	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0104	00261	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0105	00262	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0106	00263	R/W	bit	DI-06_counterStatus	0: STOP, 1: START
0x0107	00264	R/W	bit	DI-07_counterStatus	0: STOP, 1: START
0x0110	00273	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0111	00274	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0112	00275	R/W	bit	DI-02_counterReset	1: reset to initial value

0x0113	00276	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0114	00277	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0115	00278	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0116	00279	R/W	bit	DI-06_counterReset	1: reset to initial value
0x0117	00280	R/W	bit	DI-07_counterReset	1: reset to initial value
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON
0x0010	30017	R	word	DI-00_counterValueHigh	high word
0x0011	30018	R	word	DI-00_counterValueLow	low word
0x0012	30019	R	word	DI-01_counterValueHigh	high word
0x0013	30020	R	word	DI-01_counterValueLow	low word
0x0014	30021	R	word	DI-02_counterValueHigh	high word
0x0015	30022	R	word	DI-02_counterValueLow	low word
0x0016	30023	R	word	DI-03_counterValueHigh	high word
0x0017	30024	R	word	DI-03_counterValueLow	low word
0x0018	30025	R	word	DI-04_counterValueHigh	high word
0x0019	30026	R	word	DI-04_counterValueLow	low word
0x001A	30027	R	word	DI-05_counterValueHigh	high word
0x001B	30028	R	word	DI-05_counterValueLow	low word
0x001C	30029	R	word	DI-06_counterValueHigh	high word
0x001D	30030	R	word	DI-06_counterValueLow	low word
0x001E	30031	R	word	DI-07_counterValueHigh	high word
0x001F	30032	R	word	DI-07_counterValueLow	low word
0x0030	30049	R	word	DI-all_statusFromDI-00	0: OFF, 1: ON
0x0000	40001	R/W	word	DO-00_status	0: OFF, 1: ON
0x0001	40002	R/W	word	DO-01_status	0: OFF, 1: ON
0x0002	40003	R/W	word	DO-02_status	0: OFF, 1: ON
0x0003	40004	R/W	word	DO-03_status	0: OFF, 1: ON
0x0010	40017	R/W	word	DO-00_pulseStatus	0: STOP, 1: START
0x0011	40018	R/W	word	DO-01_pulseStatus	0: STOP, 1: START
0x0012	40019	R/W	word	DO-02_pulseStatus	0: STOP, 1: START
0x0013	40020	R/W	word	DO-03_pulseStatus	0: STOP, 1: START
0x0020	40033	R/W	word	DO-all_statusFromDO-00	0: OFF, 1: ON
0x0100	40257	R/W	word	DI-00_counterStatus	0: STOP, 1: START
0x0101	40258	R/W	word	DI-01_counterStatus	0: STOP, 1: START
0x0102	40259	R/W	word	DI-02_counterStatus	0: STOP, 1: START
0x0103	40260	R/W	word	DI-03_counterStatus	0: STOP, 1: START
0x0104	40261	R/W	word	DI-04_counterStatus	0: STOP, 1: START
0x0105	40262	R/W	word	DI-05_counterStatus	0: STOP, 1: START
0x0106	40263	R/W	word	DI-06_counterStatus	0: STOP, 1: START
0x0107	40264	R/W	word	DI-07_counterStatus	0: STOP, 1: START
0x0110	40273	R/W	word	DI-00_counterReset	1: reset to initial value
0x0111	40274	R/W	word	DI-01_counterReset	1: reset to initial value
0x0112	40275	R/W	word	DI-02_counterReset	1: reset to initial value
0x0113	40276	R/W	word	DI-03_counterReset	1: reset to initial value
0x0114	40277	R/W	word	DI-04_counterReset	1: reset to initial value

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
	40278	R/W	word	DI-05_counterReset	1: reset to initial value
0x0116	40279	R/W	word	DI-06_counterReset	1: reset to initial value
0x0117	40280	R/W	word	DI-07_counterReset	1: reset to initial value

ioLogik R1200 System Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x7530	330001	R	word	SYS_modelID	
0x7545	330022	R	word	SYS_firmwareVersion	2 words
0x7547	330024	R	word	SYS_firmwareReleaseDate	2 words
0x7549	330026	R	word	SYS_vendorID	
0x754A	330027	R	word	SYS_unitID	
0x754B	330028	R	word	SYS_serialNumber	6 words
0x7555	330038	R	word	SYS_productName	10 words
0x756A	330059	R	word	SYS_rs485PortMode	0: initial-repeater, 1: initial-dual RS-485, 2: run-repeater, 3: run-dual RS-485
0x7531	430002	R/W	word	SYS_serverName	10 words
0x753B	430012	R/W	word	SYS_serverLocation	10 words
0x755F	430048	R/W	word	SYS_password	5 words
0x7564	430053	R/W	word	SYS_modbusWatchdogFuntion	0: Disable, 1: Enable
0x7565	430054	R/W	word	SYS_modbusWatchdogTimeout	unit: sec(s)
0x7566	430055	R/W	word	SYS_modbusWatchdogStatus	0: Normal, 1: Timeout
0x7567	430056	R/W	word	SYS_locateDevice	
0x7568	430057	R/W	word	SYS_restartDevice	404: Enable
0x7569	430058	R/W	word	SYS_loadFactoryDefault	404: Enable
0x756C	430061	R/W	word	SYS_port0Baudrate	1: 1200, 2: 2400, 3: 4800, 4: 9600, 5: 19200, 6: 38400, 7: 57600, 8: 115200, 9: 921600
0x756D	430062	R/W	word	SYS_port1Baudrate	1: 1200, 2: 2400, 3: 4800, 4: 9600, 5: 19200, 6: 38400, 7: 57600, 8: 115200, 9: 921600
0x7570	430065	R/W	word	SYS_port0StopBit	0: 1, 1: 2
0x7571	430066	R/W	word	SYS_port1StopBit	0: 1, 1: 2
0x7572	430067	R/W	word	SYS_port0Parity	0: None, 1: Even, 2: Odd
0x7573	430068	R/W	word	SYS_port1Parity	0: None, 1: Even, 2: Odd
0x7594	430101	R/W	word	SYS_vendorName	20 words

ioLogik R1210 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description

0x0000	00001	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0001	00002	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0002	00003	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0003	00004	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0004	00005	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0005	00006	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0006	00007	R/W	bit	DI-06_counterStatus	0: STOP, 1: START
0x0007	00008	R/W	bit	DI-07_counterStatus	0: STOP, 1: START
0x0008	00009	R/W	bit	DI-08_counterStatus	0: STOP, 1: START
0x0009	00010	R/W	bit	DI-09_counterStatus	0: STOP, 1: START
0x000A	00011	R/W	bit	DI-10_counterStatus	0: STOP, 1: START
0x000B	00012	R/W	bit	DI-11_counterStatus	0: STOP, 1: START
0x000C	00013	R/W	bit	DI-12_counterStatus	0: STOP, 1: START
0x000D	00014	R/W	bit	DI-13_counterStatus	0: STOP, 1: START
0x000E	00015	R/W	bit	DI-14_counterStatus	0: STOP, 1: START
0x000F	00016	R/W	bit	DI-15_counterStatus	0: STOP, 1: START
0x0020	00033	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0021	00034	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0022	00035	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0023	00036	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0024	00037	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0025	00038	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0026	00039	R/W	bit	DI-06_counterReset	1: reset to initial value
0x0027	00040	R/W	bit	DI-07_counterReset	1: reset to initial value
0x0028	00041	R/W	bit	DI-08_counterReset	1: reset to initial value
0x0029	00042	R/W	bit	DI-09_counterReset	1: reset to initial value
0x002A	00043	R/W	bit	DI-10_counterReset	1: reset to initial value
0x002B	00044	R/W	bit	DI-11_counterReset	1: reset to initial value
0x002C	00045	R/W	bit	DI-12_counterReset	1: reset to initial value
0x002D	00046	R/W	bit	DI-13_counterReset	1: reset to initial value
0x002E	00047	R/W	bit	DI-14_counterReset	1: reset to initial value
0x002F	00048	R/W	bit	DI-15_counterReset	1: reset to initial value
0x0040	00065	R/W	bit	DI-00_counterOverflowFlag	1: clear overflow flag
0x0041	00066	R/W	bit	DI-01_counterOverflowFlag	1: clear overflow flag
0x0042	00067	R/W	bit	DI-02_counterOverflowFlag	1: clear overflow flag
0x0043	00068	R/W	bit	DI-03_counterOverflowFlag	1: clear overflow flag
0x0044	00069	R/W	bit	DI-04_counterOverflowFlag	1: clear overflow flag
0x0045	00070	R/W	bit	DI-05_counterOverflowFlag	1: clear overflow flag
0x0046	00071	R/W	bit	DI-06_counterOverflowFlag	1: clear overflow flag
0x0047	00072	R/W	bit	DI-07_counterOverflowFlag	1: clear overflow flag
0x0048	00073	R/W	bit	DI-08_counterOverflowFlag	1: clear overflow flag
0x0049	00074	R/W	bit	DI-09_counterOverflowFlag	1: clear overflow flag
0x004A	00075	R/W	bit	DI-10_counterOverflowFlag	1: clear overflow flag
0x004B	00076	R/W	bit	DI-11_counterOverflowFlag	1: clear overflow flag
0x004C	00077	R/W	bit	DI-12_counterOverflowFlag	1: clear overflow flag
0x004D	00078	R/W	bit	DI-13_counterOverflowFlag	1: clear overflow flag
0x004E	00079	R/W	bit	DI-14_counterOverflowFlag	1: clear overflow flag
0x004F	00080	R/W	bit	DI-15_counterOverflowFlag	1: clear overflow flag
0x0060	00097	R/W	bit	DI-00_counterPowerOnStatus	0: STOP, 1: START
0x0061	00098	R/W	bit	DI-01_counterPowerOnStatus	0: STOP, 1: START
0x0062	00099	R/W	bit	DI-02_counterPowerOnStatus	0: STOP, 1: START
0x0063	00100	R/W	bit	DI-03_counterPowerOnStatus	0: STOP, 1: START
0x0064	00101	R/W	bit	DI-04_counterPowerOnStatus	0: STOP, 1: START
0x0065	00102	R/W	bit	DI-05_counterPowerOnStatus	0: STOP, 1: START
0x0066	00103	R/W	bit	DI-06_counterPowerOnStatus	0: STOP, 1: START
0x0067	00104	R/W	bit	DI-07_counterPowerOnStatus	0: STOP, 1: START
0x0068	00105	R/W	bit	DI-08_counterPowerOnStatus	0: STOP, 1: START
0x0069	00106	R/W	bit	DI-09_counterPowerOnStatus	0: STOP, 1: START
0x006A	00107	R/W	bit	DI-10_counterPowerOnStatus	0: STOP, 1: START
0x006B	00108	R/W	bit	DI-11_counterPowerOnStatus	0: STOP, 1: START

	00109	R/W	bit	DI-12_counterPowerOnStatus	0: STOP, 1: START
0x006D	00110	R/W	bit	DI-13_counterPowerOnStatus	0: STOP, 1: START
0x006E	00111	R/W	bit	DI-14_counterPowerOnStatus	0: STOP, 1: START
0x006F	00112	R/W	bit	DI-15_counterPowerOnStatus	0: STOP, 1: START
0x0080	00129	R/W	bit	DI-00_counterSafeModeStatus	0: STOP, 1: START
0x0081	00130	R/W	bit	DI-01_counterSafeModeStatus	0: STOP, 1: START
0x0082	00131	R/W	bit	DI-02_counterSafeModeStatus	0: STOP, 1: START
0x0083	00132	R/W	bit	DI-03_counterSafeModeStatus	0: STOP, 1: START
0x0084	00133	R/W	bit	DI-04_counterSafeModeStatus	0: STOP, 1: START
0x0085	00134	R/W	bit	DI-05_counterSafeModeStatus	0: STOP, 1: START
0x0086	00135	R/W	bit	DI-06_counterSafeModeStatus	0: STOP, 1: START
0x0087	00136	R/W	bit	DI-07_counterSafeModeStatus	0: STOP, 1: START
0x0088	00137	R/W	bit	DI-08_counterSafeModeStatus	0: STOP, 1: START
0x0089	00138	R/W	bit	DI-09_counterSafeModeStatus	0: STOP, 1: START
0x008A	00139	R/W	bit	DI-10_counterSafeModeStatus	0: STOP, 1: START
0x008B	00140	R/W	bit	DI-11_counterSafeModeStatus	0: STOP, 1: START
0x008C	00141	R/W	bit	DI-12_counterSafeModeStatus	0: STOP, 1: START
0x008D	00142	R/W	bit	DI-13_counterSafeModeStatus	0: STOP, 1: START
0x008E	00143	R/W	bit	DI-14_counterSafeModeStatus	0: STOP, 1: START
0x008F	00144	R/W	bit	DI-15_counterSafeModeStatus	0: STOP, 1: START
0x00A0	00161	R/W	bit	DI-00_counterPowerOffStorage	0: Disable, 1: Enable
0x00A1	00162	R/W	bit	DI-01_counterPowerOffStorage	0: Disable, 1: Enable
0x00A2	00163	R/W	bit	DI-02_counterPowerOffStorage	0: Disable, 1: Enable
0x00A3	00164	R/W	bit	DI-03_counterPowerOffStorage	0: Disable, 1: Enable
0x00A4	00165	R/W	bit	DI-04_counterPowerOffStorage	0: Disable, 1: Enable
0x00A5	00166	R/W	bit	DI-05_counterPowerOffStorage	0: Disable, 1: Enable
0x00A6	00167	R/W	bit	DI-06_counterPowerOffStorage	0: Disable, 1: Enable
0x00A7	00168	R/W	bit	DI-07_counterPowerOffStorage	0: Disable, 1: Enable
0x00A8	00169	R/W	bit	DI-08_counterPowerOffStorage	0: Disable, 1: Enable
0x00A9	00170	R/W	bit	DI-09_counterPowerOffStorage	0: Disable, 1: Enable
0x00AA	00171	R/W	bit	DI-10_counterPowerOffStorage	0: Disable, 1: Enable
0x00AB	00172	R/W	bit	DI-11_counterPowerOffStorage	0: Disable, 1: Enable
0x00AC	00173	R/W	bit	DI-12_counterPowerOffStorage	0: Disable, 1: Enable
0x00AD	00174	R/W	bit	DI-13_counterPowerOffStorage	0: Disable, 1: Enable
0x00AE	00175	R/W	bit	DI-14_counterPowerOffStorage	0: Disable, 1: Enable
0x00AF	00176	R/W	bit	DI-15_counterPowerOffStorage	0: Disable, 1: Enable
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0008	10009	R	bit	DI-08_status	0: OFF, 1: ON
0x0009	10010	R	bit	DI-09_status	0: OFF, 1: ON
0x000A	10011	R	bit	DI-10_status	0: OFF, 1: ON
0x000B	10012	R	bit	DI-11_status	0: OFF, 1: ON
0x000C	10013	R	bit	DI-12_status	0: OFF, 1: ON
0x000D	10014	R	bit	DI-13_status	0: OFF, 1: ON
0x000E	10015	R	bit	DI-14_status	0: OFF, 1: ON
0x000F	10016	R	bit	DI-15_status	0: OFF, 1: ON
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON

	30009	R	word	DI-08_status	0: OFF, 1: ON
0x0009	30010	R	word	DI-09_status	0: OFF, 1: ON
0x000A	30011	R	word	DI-10_status	0: OFF, 1: ON
0x000B	30012	R	word	DI-11_status	0: OFF, 1: ON
0x000C	30013	R	word	DI-12_status	0: OFF, 1: ON
0x000D	30014	R	word	DI-13_status	0: OFF, 1: ON
0x000E	30015	R	word	DI-14_status	0: OFF, 1: ON
0x000F	30016	R	word	DI-15_status	0: OFF, 1: ON
0x0020	30033	R	word	DI-00_counterValueHigh	high word
0x0021	30034	R	word	DI-00_counterValueLow	low word
0x0022	30035	R	word	DI-01_counterValueHigh	high word
0x0023	30036	R	word	DI-01_counterValueLow	low word
0x0024	30037	R	word	DI-02_counterValueHigh	high word
0x0025	30038	R	word	DI-02_counterValueLow	low word
0x0026	30039	R	word	DI-03_counterValueHigh	high word
0x0027	30040	R	word	DI-03_counterValueLow	low word
0x0028	30041	R	word	DI-04_counterValueHigh	high word
0x0029	30042	R	word	DI-04_counterValueLow	low word
0x002A	30043	R	word	DI-05_counterValueHigh	high word
0x002B	30044	R	word	DI-05_counterValueLow	low word
0x002C	30045	R	word	DI-06_counterValueHigh	high word
0x002D	30046	R	word	DI-06_counterValueLow	low word
0x002E	30047	R	word	DI-07_counterValueHigh	high word
0x002F	30048	R	word	DI-07_counterValueLow	low word
0x0030	30049	R	word	DI-08_counterValueHigh	high word
0x0031	30050	R	word	DI-08_counterValueLow	low word
0x0032	30051	R	word	DI-09_counterValueHigh	high word
0x0033	30052	R	word	DI-09_counterValueLow	low word
0x0034	30053	R	word	DI-10_counterValueHigh	high word
0x0035	30054	R	word	DI-10_counterValueLow	low word
0x0036	30055	R	word	DI-11_counterValueHigh	high word
0x0037	30056	R	word	DI-11_counterValueLow	low word
0x0038	30057	R	word	DI-12_counterValueHigh	high word
0x0039	30058	R	word	DI-12_counterValueLow	low word
0x003A	30059	R	word	DI-13_counterValueHigh	high word
0x003B	30060	R	word	DI-13_counterValueLow	low word
0x003C	30061	R	word	DI-14_counterValueHigh	high word
0x003D	30062	R	word	DI-14_counterValueLow	low word
0x003E	30063	R	word	DI-15_counterValueHigh	high word
0x003F	30064	R	word	DI-15_counterValueLow	low word
0x0000	40001	R/W	word	DI-00_mode	0: DI, 1: Counter
0x0001	40002	R/W	word	DI-01_mode	0: DI, 1: Counter
0x0002	40003	R/W	word	DI-02_mode	0: DI, 1: Counter
0x0003	40004	R/W	word	DI-03_mode	0: DI, 1: Counter
0x0004	40005	R/W	word	DI-04_mode	0: DI, 1: Counter
0x0005	40006	R/W	word	DI-05_mode	0: DI, 1: Counter
0x0006	40007	R/W	word	DI-06_mode	0: DI, 1: Counter
0x0007	40008	R/W	word	DI-07_mode	0: DI, 1: Counter
0x0008	40009	R/W	word	DI-08_mode	0: DI, 1: Counter
0x0009	40010	R/W	word	DI-09_mode	0: DI, 1: Counter
0x000A	40011	R/W	word	DI-10_mode	0: DI, 1: Counter
0x000B	40012	R/W	word	DI-11_mode	0: DI, 1: Counter
0x000C	40013	R/W	word	DI-12_mode	0: DI, 1: Counter
0x000D	40014	R/W	word	DI-13_mode	0: DI, 1: Counter
0x000E	40015	R/W	word	DI-14_mode	0: DI, 1: Counter
0x000F	40016	R/W	word	DI-15_mode	0: DI, 1: Counter
0x0020	40033	R/W	word	DI-00_filter	unit: 100 us
0x0021	40034	R/W	word	DI-01_filter	unit: 100 us
0x0022	40035	R/W	word	DI-02_filter	unit: 100 us
0x0023	40036	R/W	word	DI-03_filter	unit: 100 us

	40037	R/W	word	DI-04_filter	unit: 100 us
0x0025	40038	R/W	word	DI-05_filter	unit: 100 us
0x0026	40039	R/W	word	DI-06_filter	unit: 100 us
0x0027	40040	R/W	word	DI-07_filter	unit: 100 us
0x0028	40041	R/W	word	DI-08_filter	unit: 100 us
0x0029	40042	R/W	word	DI-09_filter	unit: 100 us
0x002A	40043	R/W	word	DI-10_filter	unit: 100 us
0x002B	40044	R/W	word	DI-11_filter	unit: 100 us
0x002C	40045	R/W	word	DI-12_filter	unit: 100 us
0x002D	40046	R/W	word	DI-13_filter	unit: 100 us
0x002E	40047	R/W	word	DI-14_filter	unit: 100 us
0x002F	40048	R/W	word	DI-15_filter	unit: 100 us
0x0040	40065	R/W	word	DI-00_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0041	40066	R/W	word	DI-01_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0042	40067	R/W	word	DI-02_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0043	40068	R/W	word	DI-03_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0044	40069	R/W	word	DI-04_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0045	40070	R/W	word	DI-05_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0046	40071	R/W	word	DI-06_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0047	40072	R/W	word	DI-07_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0048	40073	R/W	word	DI-08_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0049	40074	R/W	word	DI-09_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004A	40075	R/W	word	DI-10_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004B	40076	R/W	word	DI-11_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004C	40077	R/W	word	DI-12_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004D	40078	R/W	word	DI-13_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004E	40079	R/W	word	DI-14_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004F	40080	R/W	word	DI-15_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both

ioLogik R1212 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0000	00001	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0001	00002	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0002	00003	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0003	00004	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0004	00005	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0005	00006	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0006	00007	R/W	bit	DI-06_counterStatus	0: STOP, 1: START
0x0007	00008	R/W	bit	DI-07_counterStatus	0: STOP, 1: START
0x0008	00009	R/W	bit	DI-08_counterStatus	0: STOP, 1: START
0x0009	00010	R/W	bit	DI-09_counterStatus	0: STOP, 1: START
0x000A	00011	R/W	bit	DI-10_counterStatus	0: STOP, 1: START
0x000B	00012	R/W	bit	DI-11_counterStatus	0: STOP, 1: START
0x000C	00013	R/W	bit	DI-12_counterStatus	0: STOP, 1: START
0x000D	00014	R/W	bit	DI-13_counterStatus	0: STOP, 1: START
0x000E	00015	R/W	bit	DI-14_counterStatus	0: STOP, 1: START
0x000F	00016	R/W	bit	DI-15_counterStatus	0: STOP, 1: START
0x0020	00033	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0021	00034	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0022	00035	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0023	00036	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0024	00037	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0025	00038	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0026	00039	R/W	bit	DI-06_counterReset	1: reset to initial value
0x0027	00040	R/W	bit	DI-07_counterReset	1: reset to initial value
0x0028	00041	R/W	bit	DI-08_counterReset	1: reset to initial value
0x0029	00042	R/W	bit	DI-09_counterReset	1: reset to initial value
0x002A	00043	R/W	bit	DI-10_counterReset	1: reset to initial value
0x002B	00044	R/W	bit	DI-11_counterReset	1: reset to initial value
0x002C	00045	R/W	bit	DI-12_counterReset	1: reset to initial value
0x002D	00046	R/W	bit	DI-13_counterReset	1: reset to initial value
0x002E	00047	R/W	bit	DI-14_counterReset	1: reset to initial value
0x002F	00048	R/W	bit	DI-15_counterReset	1: reset to initial value
0x0040	00065	R/W	bit	DI-00_counterOverflowFlag	1: clear overflow flag
0x0041	00066	R/W	bit	DI-01_counterOverflowFlag	1: clear overflow flag
0x0042	00067	R/W	bit	DI-02_counterOverflowFlag	1: clear overflow flag
0x0043	00068	R/W	bit	DI-03_counterOverflowFlag	1: clear overflow flag
0x0044	00069	R/W	bit	DI-04_counterOverflowFlag	1: clear overflow flag
0x0045	00070	R/W	bit	DI-05_counterOverflowFlag	1: clear overflow flag
0x0046	00071	R/W	bit	DI-06_counterOverflowFlag	1: clear overflow flag
0x0047	00072	R/W	bit	DI-07_counterOverflowFlag	1: clear overflow flag
0x0048	00073	R/W	bit	DI-08_counterOverflowFlag	1: clear overflow flag
0x0049	00074	R/W	bit	DI-09_counterOverflowFlag	1: clear overflow flag
0x004A	00075	R/W	bit	DI-10_counterOverflowFlag	1: clear overflow flag
0x004B	00076	R/W	bit	DI-11_counterOverflowFlag	1: clear overflow flag
0x004C	00077	R/W	bit	DI-12_counterOverflowFlag	1: clear overflow flag
0x004D	00078	R/W	bit	DI-13_counterOverflowFlag	1: clear overflow flag
0x004E	00079	R/W	bit	DI-14_counterOverflowFlag	1: clear overflow flag
0x004F	00080	R/W	bit	DI-15_counterOverflowFlag	1: clear overflow flag
0x0060	00097	R/W	bit	DI-00_counterPowerOnStatus	0: STOP, 1: START
0x0061	00098	R/W	bit	DI-01_counterPowerOnStatus	0: STOP, 1: START
0x0062	00099	R/W	bit	DI-02_counterPowerOnStatus	0: STOP, 1: START
0x0063	00100	R/W	bit	DI-03_counterPowerOnStatus	0: STOP, 1: START
0x0064	00101	R/W	bit	DI-04_counterPowerOnStatus	0: STOP, 1: START

0x0065	00102	R/W	bit	DI-05_counterPowerOnStatus	0: STOP, 1: START
0x0066	00103	R/W	bit	DI-06_counterPowerOnStatus	0: STOP, 1: START
0x0067	00104	R/W	bit	DI-07_counterPowerOnStatus	0: STOP, 1: START
0x0068	00105	R/W	bit	DI-08_counterPowerOnStatus	0: STOP, 1: START
0x0069	00106	R/W	bit	DI-09_counterPowerOnStatus	0: STOP, 1: START
0x006A	00107	R/W	bit	DI-10_counterPowerOnStatus	0: STOP, 1: START
0x006B	00108	R/W	bit	DI-11_counterPowerOnStatus	0: STOP, 1: START
0x006C	00109	R/W	bit	DI-12_counterPowerOnStatus	0: STOP, 1: START
0x006D	00110	R/W	bit	DI-13_counterPowerOnStatus	0: STOP, 1: START
0x006E	00111	R/W	bit	DI-14_counterPowerOnStatus	0: STOP, 1: START
0x006F	00112	R/W	bit	DI-15_counterPowerOnStatus	0: STOP, 1: START
0x0080	00129	R/W	bit	DI-00_counterSafeModeStatus	0: STOP, 1: START
0x0081	00130	R/W	bit	DI-01_counterSafeModeStatus	0: STOP, 1: START
0x0082	00131	R/W	bit	DI-02_counterSafeModeStatus	0: STOP, 1: START
0x0083	00132	R/W	bit	DI-03_counterSafeModeStatus	0: STOP, 1: START
0x0084	00133	R/W	bit	DI-04_counterSafeModeStatus	0: STOP, 1: START
0x0085	00134	R/W	bit	DI-05_counterSafeModeStatus	0: STOP, 1: START
0x0086	00135	R/W	bit	DI-06_counterSafeModeStatus	0: STOP, 1: START
0x0087	00136	R/W	bit	DI-07_counterSafeModeStatus	0: STOP, 1: START
0x0088	00137	R/W	bit	DI-08_counterSafeModeStatus	0: STOP, 1: START
0x0089	00138	R/W	bit	DI-09_counterSafeModeStatus	0: STOP, 1: START
0x008A	00139	R/W	bit	DI-10_counterSafeModeStatus	0: STOP, 1: START
0x008B	00140	R/W	bit	DI-11_counterSafeModeStatus	0: STOP, 1: START
0x008C	00141	R/W	bit	DI-12_counterSafeModeStatus	0: STOP, 1: START
0x008D	00142	R/W	bit	DI-13_counterSafeModeStatus	0: STOP, 1: START
0x008E	00143	R/W	bit	DI-14_counterSafeModeStatus	0: STOP, 1: START
0x008F	00144	R/W	bit	DI-15_counterSafeModeStatus	0: STOP, 1: START
0x00A0	00161	R/W	bit	DI-00_counterPowerOffStorage	0: Disable, 1: Enable
0x00A1	00162	R/W	bit	DI-01_counterPowerOffStorage	0: Disable, 1: Enable
0x00A2	00163	R/W	bit	DI-02_counterPowerOffStorage	0: Disable, 1: Enable
0x00A3	00164	R/W	bit	DI-03_counterPowerOffStorage	0: Disable, 1: Enable
0x00A4	00165	R/W	bit	DI-04_counterPowerOffStorage	0: Disable, 1: Enable
0x00A5	00166	R/W	bit	DI-05_counterPowerOffStorage	0: Disable, 1: Enable
0x00A6	00167	R/W	bit	DI-06_counterPowerOffStorage	0: Disable, 1: Enable
0x00A7	00168	R/W	bit	DI-07_counterPowerOffStorage	0: Disable, 1: Enable
0x00A8	00169	R/W	bit	DI-08_counterPowerOffStorage	0: Disable, 1: Enable
0x00A9	00170	R/W	bit	DI-09_counterPowerOffStorage	0: Disable, 1: Enable
0x00AA	00171	R/W	bit	DI-10_counterPowerOffStorage	0: Disable, 1: Enable
0x00AB	00172	R/W	bit	DI-11_counterPowerOffStorage	0: Disable, 1: Enable
0x00AC	00173	R/W	bit	DI-12_counterPowerOffStorage	0: Disable, 1: Enable
0x00AD	00174	R/W	bit	DI-13_counterPowerOffStorage	0: Disable, 1: Enable
0x00AE	00175	R/W	bit	DI-14_counterPowerOffStorage	0: Disable, 1: Enable
0x00AF	00176	R/W	bit	DI-15_counterPowerOffStorage	0: Disable, 1: Enable
0x0140	00321	R/W	bit	DO-00_status	0: OFF, 1: ON
0x0141	00322	R/W	bit	DO-01_status	0: OFF, 1: ON
0x0142	00323	R/W	bit	DO-02_status	0: OFF, 1: ON
0x0143	00324	R/W	bit	DO-03_status	0: OFF, 1: ON
0x0144	00325	R/W	bit	DO-04_status	0: OFF, 1: ON
0x0145	00326	R/W	bit	DO-05_status	0: OFF, 1: ON
0x0146	00327	R/W	bit	DO-06_status	0: OFF, 1: ON
0x0147	00328	R/W	bit	DO-07_status	0: OFF, 1: ON
0x0160	00353	R/W	bit	DO-00_powerOnStatus	0: OFF, 1: ON
0x0161	00354	R/W	bit	DO-01_powerOnStatus	0: OFF, 1: ON
0x0162	00355	R/W	bit	DO-02_powerOnStatus	0: OFF, 1: ON
0x0163	00356	R/W	bit	DO-03_powerOnStatus	0: OFF, 1: ON
0x0164	00357	R/W	bit	DO-04_powerOnStatus	0: OFF, 1: ON
0x0165	00358	R/W	bit	DO-05_powerOnStatus	0: OFF, 1: ON
0x0166	00359	R/W	bit	DO-06_powerOnStatus	0: OFF, 1: ON
0x0167	00360	R/W	bit	DO-07_powerOnStatus	0: OFF, 1: ON
0x0180	00385	R/W	bit	DO-00_pulseStatus	0: STOP, 1: START

	00386	R/W	bit	DO-01_pulseStatus	0: STOP, 1: START
0x0182	00387	R/W	bit	DO-02_pulseStatus	0: STOP, 1: START
0x0183	00388	R/W	bit	DO-03_pulseStatus	0: STOP, 1: START
0x0184	00389	R/W	bit	DO-04_pulseStatus	0: STOP, 1: START
0x0185	00390	R/W	bit	DO-05_pulseStatus	0: STOP, 1: START
0x0186	00391	R/W	bit	DO-06_pulseStatus	0: STOP, 1: START
0x0187	00392	R/W	bit	DO-07_pulseStatus	0: STOP, 1: START
0x01A0	00417	R/W	bit	DO-00_pulsePowerOnStatus	0: STOP, 1: START
0x01A1	00418	R/W	bit	DO-01_pulsePowerOnStatus	0: STOP, 1: START
0x01A2	00419	R/W	bit	DO-02_pulsePowerOnStatus	0: STOP, 1: START
0x01A3	00420	R/W	bit	DO-03_pulsePowerOnStatus	0: STOP, 1: START
0x01A4	00421	R/W	bit	DO-04_pulsePowerOnStatus	0: STOP, 1: START
0x01A5	00422	R/W	bit	DO-05_pulsePowerOnStatus	0: STOP, 1: START
0x01A6	00423	R/W	bit	DO-06_pulsePowerOnStatus	0: STOP, 1: START
0x01A7	00424	R/W	bit	DO-07_pulsePowerOnStatus	0: STOP, 1: START
0x01C0	00449	R/W	bit	DO-00_pulseSafeModeStatus	0: STOP, 1: START
0x01C1	00450	R/W	bit	DO-01_pulseSafeModeStatus	0: STOP, 1: START
0x01C2	00451	R/W	bit	DO-02_pulseSafeModeStatus	0: STOP, 1: START
0x01C3	00452	R/W	bit	DO-03_pulseSafeModeStatus	0: STOP, 1: START
0x01C4	00453	R/W	bit	DO-04_pulseSafeModeStatus	0: STOP, 1: START
0x01C5	00454	R/W	bit	DO-05_pulseSafeModeStatus	0: STOP, 1: START
0x01C6	00455	R/W	bit	DO-06_pulseSafeModeStatus	0: STOP, 1: START
0x01C7	00456	R/W	bit	DO-07_pulseSafeModeStatus	0: STOP, 1: START
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0006	10007	R	bit	DI-06_status	0: OFF, 1: ON
0x0007	10008	R	bit	DI-07_status	0: OFF, 1: ON
0x0008	10009	R	bit	DI-08_status	0: OFF, 1: ON
0x0009	10010	R	bit	DI-09_status	0: OFF, 1: ON
0x000A	10011	R	bit	DI-10_status	0: OFF, 1: ON
0x000B	10012	R	bit	DI-11_status	0: OFF, 1: ON
0x000C	10013	R	bit	DI-12_status	0: OFF, 1: ON
0x000D	10014	R	bit	DI-13_status	0: OFF, 1: ON
0x000E	10015	R	bit	DI-14_status	0: OFF, 1: ON
0x000F	10016	R	bit	DI-15_status	0: OFF, 1: ON
0x2830	10289	R/W	bit	DIO-00_mode	0: DI, 1: DO
0x2831	10290	R/W	bit	DIO-01_mode	0: DI, 1: DO
0x2832	10291	R/W	bit	DIO-02_mode	0: DI, 1: DO
0x2833	10292	R/W	bit	DIO-03_mode	0: DI, 1: DO
0x2834	10293	R/W	bit	DIO-04_mode	0: DI, 1: DO
0x2835	10294	R/W	bit	DIO-05_mode	0: DI, 1: DO
0x2836	10295	R/W	bit	DIO-06_mode	0: DI, 1: DO
0x2837	10296	R/W	bit	DIO-07_mode	0: DI, 1: DO
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0006	30007	R	word	DI-06_status	0: OFF, 1: ON
0x0007	30008	R	word	DI-07_status	0: OFF, 1: ON
0x0008	30009	R	word	DI-08_status	0: OFF, 1: ON
0x0009	30010	R	word	DI-09_status	0: OFF, 1: ON
0x000A	30011	R	word	DI-10_status	0: OFF, 1: ON
0x000B	30012	R	word	DI-11_status	0: OFF, 1: ON
0x000C	30013	R	word	DI-12_status	0: OFF, 1: ON

	30014	R	word	DI-13_status	0: OFF, 1: ON
0x000E	30015	R	word	DI-14_status	0: OFF, 1: ON
0x000F	30016	R	word	DI-15_status	0: OFF, 1: ON
0x0020	30033	R	word	DI-00_counterValueHigh	high word
0x0021	30034	R	word	DI-00_counterValueLow	low word
0x0022	30035	R	word	DI-01_counterValueHigh	high word
0x0023	30036	R	word	DI-01_counterValueLow	low word
0x0024	30037	R	word	DI-02_counterValueHigh	high word
0x0025	30038	R	word	DI-02_counterValueLow	low word
0x0026	30039	R	word	DI-03_counterValueHigh	high word
0x0027	30040	R	word	DI-03_counterValueLow	low word
0x0028	30041	R	word	DI-04_counterValueHigh	high word
0x0029	30042	R	word	DI-04_counterValueLow	low word
0x002A	30043	R	word	DI-05_counterValueHigh	high word
0x002B	30044	R	word	DI-05_counterValueLow	low word
0x002C	30045	R	word	DI-06_counterValueHigh	high word
0x002D	30046	R	word	DI-06_counterValueLow	low word
0x002E	30047	R	word	DI-07_counterValueHigh	high word
0x002F	30048	R	word	DI-07_counterValueLow	low word
0x0030	30049	R	word	DI-08_counterValueHigh	high word
0x0031	30050	R	word	DI-08_counterValueLow	low word
0x0032	30051	R	word	DI-09_counterValueHigh	high word
0x0033	30052	R	word	DI-09_counterValueLow	low word
0x0034	30053	R	word	DI-10_counterValueHigh	high word
0x0035	30054	R	word	DI-10_counterValueLow	low word
0x0036	30055	R	word	DI-11_counterValueHigh	high word
0x0037	30056	R	word	DI-11_counterValueLow	low word
0x0038	30057	R	word	DI-12_counterValueHigh	high word
0x0039	30058	R	word	DI-12_counterValueLow	low word
0x003A	30059	R	word	DI-13_counterValueHigh	high word
0x003B	30060	R	word	DI-13_counterValueLow	low word
0x003C	30061	R	word	DI-14_counterValueHigh	high word
0x003D	30062	R	word	DI-14_counterValueLow	low word
0x003E	30063	R	word	DI-15_counterValueHigh	high word
0x003F	30064	R	word	DI-15_counterValueLow	low word
0x0120	30289	R	word	DIO-00_mode	0: DI, 1: DO
0x0121	30290	R	word	DIO-01_mode	0: DI, 1: DO
0x0122	30291	R	word	DIO-02_mode	0: DI, 1: DO
0x0123	30292	R	word	DIO-03_mode	0: DI, 1: DO
0x0124	30293	R	word	DIO-04_mode	0: DI, 1: DO
0x0125	30294	R	word	DIO-05_mode	0: DI, 1: DO
0x0126	30295	R	word	DIO-06_mode	0: DI, 1: DO
0x0127	30296	R	word	DIO-07_mode	0: DI, 1: DO
0x0000	40001	R/W	word	DI-00_mode	0: DI, 1: Counter
0x0001	40002	R/W	word	DI-01_mode	0: DI, 1: Counter
0x0002	40003	R/W	word	DI-02_mode	0: DI, 1: Counter
0x0003	40004	R/W	word	DI-03_mode	0: DI, 1: Counter
0x0004	40005	R/W	word	DI-04_mode	0: DI, 1: Counter
0x0005	40006	R/W	word	DI-05_mode	0: DI, 1: Counter
0x0006	40007	R/W	word	DI-06_mode	0: DI, 1: Counter
0x0007	40008	R/W	word	DI-07_mode	0: DI, 1: Counter
0x0008	40009	R/W	word	DI-08_mode	0: DI, 1: Counter
0x0009	40010	R/W	word	DI-09_mode	0: DI, 1: Counter
0x000A	40011	R/W	word	DI-10_mode	0: DI, 1: Counter
0x000B	40012	R/W	word	DI-11_mode	0: DI, 1: Counter
0x000C	40013	R/W	word	DI-12_mode	0: DI, 1: Counter
0x000D	40014	R/W	word	DI-13_mode	0: DI, 1: Counter
0x000E	40015	R/W	word	DI-14_mode	0: DI, 1: Counter
0x000F	40016	R/W	word	DI-15_mode	0: DI, 1: Counter
0x0020	40033	R/W	word	DI-00_filter	unit: 100 us

	40034	R/W	word	DI-01_filter	unit: 100 us
0x0022	40035	R/W	word	DI-02_filter	unit: 100 us
0x0023	40036	R/W	word	DI-03_filter	unit: 100 us
0x0024	40037	R/W	word	DI-04_filter	unit: 100 us
0x0025	40038	R/W	word	DI-05_filter	unit: 100 us
0x0026	40039	R/W	word	DI-06_filter	unit: 100 us
0x0027	40040	R/W	word	DI-07_filter	unit: 100 us
0x0028	40041	R/W	word	DI-08_filter	unit: 100 us
0x0029	40042	R/W	word	DI-09_filter	unit: 100 us
0x002A	40043	R/W	word	DI-10_filter	unit: 100 us
0x002B	40044	R/W	word	DI-11_filter	unit: 100 us
0x002C	40045	R/W	word	DI-12_filter	unit: 100 us
0x002D	40046	R/W	word	DI-13_filter	unit: 100 us
0x002E	40047	R/W	word	DI-14_filter	unit: 100 us
0x002F	40048	R/W	word	DI-15_filter	unit: 100 us
0x0040	40065	R/W	word	DI-00_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0041	40066	R/W	word	DI-01_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0042	40067	R/W	word	DI-02_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0043	40068	R/W	word	DI-03_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0044	40069	R/W	word	DI-04_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0045	40070	R/W	word	DI-05_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0046	40071	R/W	word	DI-06_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0047	40072	R/W	word	DI-07_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0048	40073	R/W	word	DI-08_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0049	40074	R/W	word	DI-09_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004A	40075	R/W	word	DI-10_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004B	40076	R/W	word	DI-11_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004C	40077	R/W	word	DI-12_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004D	40078	R/W	word	DI-13_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x004E	40079	R/W	word	DI-14_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
					0: Rising Edge,

0x004F	40080	R/W	word	DI-15_counterEvent	1: Falling Edge, 2: Both
0x0140	40321	R/W	word	DO-00_status	0: OFF, 1: ON
0x0141	40322	R/W	word	DO-01_status	0: OFF, 1: ON
0x0142	40323	R/W	word	DO-02_status	0: OFF, 1: ON
0x0143	40324	R/W	word	DO-03_status	0: OFF, 1: ON
0x0144	40325	R/W	word	DO-04_status	0: OFF, 1: ON
0x0145	40326	R/W	word	DO-05_status	0: OFF, 1: ON
0x0146	40327	R/W	word	DO-06_status	0: OFF, 1: ON
0x0147	40328	R/W	word	DO-07_status	0: OFF, 1: ON
0x01A0	40417	R/W	word	DO-00_pulseOnWidth	unit: 1 ms
0x01A0	40417	R/W	word	DO-08_pulseOnWidth	unit: 1 ms
0x01A1	40418	R/W	word	DO-01_pulseOnWidth	unit: 1 ms
0x01A1	40418	R/W	word	DO-09_pulseOnWidth	unit: 1 ms
0x01A2	40419	R/W	word	DO-02_pulseOnWidth	unit: 1 ms
0x01A2	40419	R/W	word	DO-10_pulseOnWidth	unit: 1 ms
0x01A3	40420	R/W	word	DO-03_pulseOnWidth	unit: 1 ms
0x01A3	40420	R/W	word	DO-11_pulseOnWidth	unit: 1 ms
0x01A4	40421	R/W	word	DO-04_pulseOnWidth	unit: 1 ms
0x01A4	40421	R/W	word	DO-12_pulseOnWidth	unit: 1 ms
0x01A5	40422	R/W	word	DO-05_pulseOnWidth	unit: 1 ms
0x01A5	40422	R/W	word	DO-13_pulseOnWidth	unit: 1 ms
0x01A6	40423	R/W	word	DO-06_pulseOnWidth	unit: 1 ms
0x01A6	40423	R/W	word	DO-14_pulseOnWidth	unit: 1 ms
0x01A7	40424	R/W	word	DO-07_pulseOnWidth	unit: 1 ms
0x01A7	40424	R/W	word	DO-15_pulseOnWidth	unit: 1 ms
0x01C0	40449	R/W	word	DO-00_pulseOffWidth	unit: 1 ms
0x01C0	40449	R/W	word	DO-08_pulseOffWidth	unit: 1 ms
0x01C1	40450	R/W	word	DO-01_pulseOffWidth	unit: 1 ms
0x01C1	40450	R/W	word	DO-09_pulseOffWidth	unit: 1 ms
0x01C2	40451	R/W	word	DO-02_pulseOffWidth	unit: 1 ms
0x01C2	40451	R/W	word	DO-10_pulseOffWidth	unit: 1 ms
0x01C3	40452	R/W	word	DO-03_pulseOffWidth	unit: 1 ms
0x01C3	40452	R/W	word	DO-11_pulseOffWidth	unit: 1 ms
0x01C4	40453	R/W	word	DO-04_pulseOffWidth	unit: 1 ms
0x01C4	40453	R/W	word	DO-12_pulseOffWidth	unit: 1 ms
0x01C5	40454	R/W	word	DO-05_pulseOffWidth	unit: 1 ms
0x01C5	40454	R/W	word	DO-13_pulseOffWidth	unit: 1 ms
0x01C6	40455	R/W	word	DO-06_pulseOffWidth	unit: 1 ms
0x01C6	40455	R/W	word	DO-14_pulseOffWidth	unit: 1 ms
0x01C7	40456	R/W	word	DO-07_pulseOffWidth	unit: 1 ms
0x01C7	40456	R/W	word	DO-15_pulseOffWidth	unit: 1 ms
0x9E20	40481	R/W	bit	DO-00_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E21	40482	R/W	bit	DO-01_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E22	40483	R/W	bit	DO-02_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E23	40484	R/W	bit	DO-03_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E24	40485	R/W	bit	DO-04_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E25	40486	R/W	bit	DO-05_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E26	40487	R/W	bit	DO-06_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E27	40488	R/W	bit	DO-07_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x9E40	40513	R/W	bit	DO-00_mode	0: DO, 1: Pulse
0x9E41	40514	R/W	bit	DO-01_mode	0: DO, 1: Pulse
0x9E42	40515	R/W	bit	DO-02_mode	0: DO, 1: Pulse
0x9E43	40516	R/W	bit	DO-03_mode	0: DO, 1: Pulse
0x9E44	40517	R/W	bit	DO-04_mode	0: DO, 1: Pulse
0x9E45	40518	R/W	bit	DO-05_mode	0: DO, 1: Pulse
0x9E46	40519	R/W	bit	DO-06_mode	0: DO, 1: Pulse
0x9E47	40520	R/W	bit	DO-07_mode	0: DO, 1: Pulse

ioLogik R1214 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x0000	00001	R/W	bit	DI-00_counterStatus	0: STOP, 1: START
0x0001	00002	R/W	bit	DI-01_counterStatus	0: STOP, 1: START
0x0002	00003	R/W	bit	DI-02_counterStatus	0: STOP, 1: START
0x0003	00004	R/W	bit	DI-03_counterStatus	0: STOP, 1: START
0x0004	00005	R/W	bit	DI-04_counterStatus	0: STOP, 1: START
0x0005	00006	R/W	bit	DI-05_counterStatus	0: STOP, 1: START
0x0020	00033	R/W	bit	DI-00_counterReset	1: reset to initial value
0x0021	00034	R/W	bit	DI-01_counterReset	1: reset to initial value
0x0022	00035	R/W	bit	DI-02_counterReset	1: reset to initial value
0x0023	00036	R/W	bit	DI-03_counterReset	1: reset to initial value
0x0024	00037	R/W	bit	DI-04_counterReset	1: reset to initial value
0x0025	00038	R/W	bit	DI-05_counterReset	1: reset to initial value
0x0040	00065	R/W	bit	DI-00_counterOverflowFlag	1: clear overflow flag
0x0041	00066	R/W	bit	DI-01_counterOverflowFlag	1: clear overflow flag
0x0042	00067	R/W	bit	DI-02_counterOverflowFlag	1: clear overflow flag
0x0043	00068	R/W	bit	DI-03_counterOverflowFlag	1: clear overflow flag
0x0044	00069	R/W	bit	DI-04_counterOverflowFlag	1: clear overflow flag
0x0045	00070	R/W	bit	DI-05_counterOverflowFlag	1: clear overflow flag
0x0060	00097	R/W	bit	DI-00_counterPowerOnStatus	0: STOP, 1: START
0x0061	00098	R/W	bit	DI-01_counterPowerOnStatus	0: STOP, 1: START
0x0062	00099	R/W	bit	DI-02_counterPowerOnStatus	0: STOP, 1: START
0x0063	00100	R/W	bit	DI-03_counterPowerOnStatus	0: STOP, 1: START
0x0064	00101	R/W	bit	DI-04_counterPowerOnStatus	0: STOP, 1: START
0x0065	00102	R/W	bit	DI-05_counterPowerOnStatus	0: STOP, 1: START
0x0080	00129	R/W	bit	DI-00_counterSafeModeStatus	0: STOP, 1: START
0x0081	00130	R/W	bit	DI-01_counterSafeModeStatus	0: STOP, 1: START
0x0082	00131	R/W	bit	DI-02_counterSafeModeStatus	0: STOP, 1: START
0x0083	00132	R/W	bit	DI-03_counterSafeModeStatus	0: STOP, 1: START
0x0084	00133	R/W	bit	DI-04_counterSafeModeStatus	0: STOP, 1: START
0x0085	00134	R/W	bit	DI-05_counterSafeModeStatus	0: STOP, 1: START
0x00A0	00161	R/W	bit	DI-00_counterPowerOffStorage	0: Disable, 1: Enable
0x00A1	00162	R/W	bit	DI-01_counterPowerOffStorage	0: Disable, 1: Enable
0x00A2	00163	R/W	bit	DI-02_counterPowerOffStorage	0: Disable, 1: Enable
0x00A3	00164	R/W	bit	DI-03_counterPowerOffStorage	0: Disable, 1: Enable
0x00A4	00165	R/W	bit	DI-04_counterPowerOffStorage	0: Disable, 1: Enable
0x00A5	00166	R/W	bit	DI-05_counterPowerOffStorage	0: Disable, 1: Enable
0x0140	00321	R/W	bit	RLY-00_status	0: OFF, 1: ON
0x0141	00322	R/W	bit	RLY-01_status	0: OFF, 1: ON
0x0142	00323	R/W	bit	RLY-02_status	0: OFF, 1: ON
0x0143	00324	R/W	bit	RLY-03_status	0: OFF, 1: ON
0x0144	00325	R/W	bit	RLY-04_status	0: OFF, 1: ON
0x0145	00326	R/W	bit	RLY-05_status	0: OFF, 1: ON
0x0160	00353	R/W	bit	RLY-00_powerOnStatus	0: OFF, 1: ON
0x0161	00354	R/W	bit	RLY-01_powerOnStatus	0: OFF, 1: ON
0x0162	00355	R/W	bit	RLY-02_powerOnStatus	0: OFF, 1: ON
0x0163	00356	R/W	bit	RLY-03_powerOnStatus	0: OFF, 1: ON
0x0164	00357	R/W	bit	RLY-04_powerOnStatus	0: OFF, 1: ON
0x0165	00358	R/W	bit	RLY-05_powerOnStatus	0: OFF, 1: ON
0x0180	00385	R/W	bit	RLY-00_pulseStatus	0: STOP, 1: START
0x0181	00386	R/W	bit	RLY-01_pulseStatus	0: STOP, 1: START
0x0182	00387	R/W	bit	RLY-02_pulseStatus	0: STOP, 1: START
0x0183	00388	R/W	bit	RLY-03_pulseStatus	0: STOP, 1: START
0x0184	00389	R/W	bit	RLY-04_pulseStatus	0: STOP, 1: START

0x0185	00390	R/W	bit	RLY-05_pulseStatus	0: STOP, 1: START
0x01A0	00417	R/W	bit	RLY-00_pulsePowerOnStatus	0: STOP, 1: START
0x01A1	00418	R/W	bit	RLY-01_pulsePowerOnStatus	0: STOP, 1: START
0x01A2	00419	R/W	bit	RLY-02_pulsePowerOnStatus	0: STOP, 1: START
0x01A3	00420	R/W	bit	RLY-03_pulsePowerOnStatus	0: STOP, 1: START
0x01A4	00421	R/W	bit	RLY-04_pulsePowerOnStatus	0: STOP, 1: START
0x01A5	00422	R/W	bit	RLY-05_pulsePowerOnStatus	0: STOP, 1: START
0x01C0	00449	R/W	bit	RLY-00_pulseSafeModeStatus	0: STOP, 1: START
0x01C1	00450	R/W	bit	RLY-01_pulseSafeModeStatus	0: STOP, 1: START
0x01C2	00451	R/W	bit	RLY-02_pulseSafeModeStatus	0: STOP, 1: START
0x01C3	00452	R/W	bit	RLY-03_pulseSafeModeStatus	0: STOP, 1: START
0x01C4	00453	R/W	bit	RLY-04_pulseSafeModeStatus	0: STOP, 1: START
0x01C5	00454	R/W	bit	RLY-05_pulseSafeModeStatus	0: STOP, 1: START
0x01DF	00480	R/W	bit	RLY-00_pulseReset	1: reset pulse count
0x01E0	00481	R/W	bit	RLY-01_pulseReset	1: reset pulse count
0x01E1	00482	R/W	bit	RLY-02_pulseReset	1: reset pulse count
0x01E2	00483	R/W	bit	RLY-03_pulseReset	1: reset pulse count
0x01E3	00484	R/W	bit	RLY-04_pulseReset	1: reset pulse count
0x01E4	00485	R/W	bit	RLY-05_pulseReset	1: reset pulse count
0x0000	10001	R	bit	DI-00_status	0: OFF, 1: ON
0x0001	10002	R	bit	DI-01_status	0: OFF, 1: ON
0x0002	10003	R	bit	DI-02_status	0: OFF, 1: ON
0x0003	10004	R	bit	DI-03_status	0: OFF, 1: ON
0x0004	10005	R	bit	DI-04_status	0: OFF, 1: ON
0x0005	10006	R	bit	DI-05_status	0: OFF, 1: ON
0x0000	30001	R	word	DI-00_status	0: OFF, 1: ON
0x0001	30002	R	word	DI-01_status	0: OFF, 1: ON
0x0002	30003	R	word	DI-02_status	0: OFF, 1: ON
0x0003	30004	R	word	DI-03_status	0: OFF, 1: ON
0x0004	30005	R	word	DI-04_status	0: OFF, 1: ON
0x0005	30006	R	word	DI-05_status	0: OFF, 1: ON
0x0020	30033	R	word	DI-00_counterValueHigh	high word
0x0021	30034	R	word	DI-00_counterValueLow	low word
0x0022	30035	R	word	DI-01_counterValueHigh	high word
0x0023	30036	R	word	DI-01_counterValueLow	low word
0x0024	30037	R	word	DI-02_counterValueHigh	high word
0x0025	30038	R	word	DI-02_counterValueLow	low word
0x0026	30039	R	word	DI-03_counterValueHigh	high word
0x0027	30040	R	word	DI-03_counterValueLow	low word
0x0028	30041	R	word	DI-04_counterValueHigh	high word
0x0029	30042	R	word	DI-04_counterValueLow	low word
0x002A	30043	R	word	DI-05_counterValueHigh	high word
0x002B	30044	R	word	DI-05_counterValueLow	low word
0x0140	30321	R	word	RLY-00_totalCountHigh	high word
0x0141	30322	R	word	RLY-00_totalCountLow	low word
0x0142	30323	R	word	RLY-01_totalCountHigh	high word
0x0143	30324	R	word	RLY-01_totalCountLow	low word
0x0144	30325	R	word	RLY-02_totalCountHigh	high word
0x0145	30326	R	word	RLY-02_totalCountLow	low word
0x0146	30327	R	word	RLY-03_totalCountHigh	high word
0x0147	30328	R	word	RLY-03_totalCountLow	low word
0x0148	30329	R	word	RLY-04_totalCountHigh	high word
0x0149	30330	R	word	RLY-04_totalCountLow	low word
0x014A	30331	R	word	RLY-05_totalCountHigh	high word
0x014B	30332	R	word	RLY-05_totalCountLow	low word
0x0180	30385	R	word	RLY-00_currentCountHigh	high word
0x0181	30386	R	word	RLY-00_currentCountLow	low word
0x0182	30387	R	word	RLY-01_currentCountHigh	high word
0x0183	30388	R	word	RLY-01_currentCountLow	low word
0x0184	30389	R	word	RLY-02_currentCountHigh	high word

	30390	R	word	RLY-02_currentCountLow	low word
0x0186	30391	R	word	RLY-03_currentCountHigh	high word
0x0187	30392	R	word	RLY-03_currentCountLow	low word
0x0188	30393	R	word	RLY-04_currentCountHigh	high word
0x0189	30394	R	word	RLY-04_currentCountLow	low word
0x018A	30395	R	word	RLY-05_currentCountHigh	high word
0x018B	30396	R	word	RLY-05_currentCountLow	low word
0x0000	40001	R/W	word	DI-00_mode	0: DI, 1: Counter
0x0001	40002	R/W	word	DI-01_mode	0: DI, 1: Counter
0x0002	40003	R/W	word	DI-02_mode	0: DI, 1: Counter
0x0003	40004	R/W	word	DI-03_mode	0: DI, 1: Counter
0x0004	40005	R/W	word	DI-04_mode	0: DI, 1: Counter
0x0005	40006	R/W	word	DI-05_mode	0: DI, 1: Counter
0x0020	40033	R/W	word	DI-00_filter	unit: 100 us
0x0021	40034	R/W	word	DI-01_filter	unit: 100 us
0x0022	40035	R/W	word	DI-02_filter	unit: 100 us
0x0023	40036	R/W	word	DI-03_filter	unit: 100 us
0x0024	40037	R/W	word	DI-04_filter	unit: 100 us
0x0025	40038	R/W	word	DI-05_filter	unit: 100 us
0x0040	40065	R/W	word	DI-00_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0041	40066	R/W	word	DI-01_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0042	40067	R/W	word	DI-02_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0043	40068	R/W	word	DI-03_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0044	40069	R/W	word	DI-04_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0045	40070	R/W	word	DI-05_counterEvent	0: Rising Edge, 1: Falling Edge, 2: Both
0x0140	40321	R/W	word	RLY-00_status	0: OFF, 1: ON
0x0141	40322	R/W	word	RLY-01_status	0: OFF, 1: ON
0x0142	40323	R/W	word	RLY-02_status	0: OFF, 1: ON
0x0143	40324	R/W	word	RLY-03_status	0: OFF, 1: ON
0x0144	40325	R/W	word	RLY-04_status	0: OFF, 1: ON
0x0145	40326	R/W	word	RLY-05_status	0: OFF, 1: ON
0x0160	40353	R/W	word	RLY-00_pulseCountHigh	high word
0x0161	40354	R/W	word	RLY-00_pulseCountLow	low word
0x0162	40355	R/W	word	RLY-01_pulseCountHigh	high word
0x0163	40356	R/W	word	RLY-01_pulseCountLow	low word
0x0164	40357	R/W	word	RLY-02_pulseCountHigh	high word
0x0165	40358	R/W	word	RLY-02_pulseCountLow	low word
0x0166	40359	R/W	word	RLY-03_pulseCountHigh	high word
0x0167	40360	R/W	word	RLY-03_pulseCountLow	low word
0x0168	40361	R/W	word	RLY-04_pulseCountHigh	high word
0x0169	40362	R/W	word	RLY-04_pulseCountLow	low word
0x016A	40363	R/W	word	RLY-05_pulseCountHigh	high word
0x016B	40364	R/W	word	RLY-05_pulseCountLow	low word
0x01E0	40481	R/W	word	RLY-00_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x01E1	40482	R/W	word	RLY-01_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x01E2	40483	R/W	word	RLY-02_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x01E3	40484	R/W	word	RLY-03_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x01E4	40485	R/W	word	RLY-04_safeModeStatus	0: OFF, 1: ON, 2: Hold Last

0x01E5	40486	R/W	word	RLY-05_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x01E6	40487	R/W	word	RLY-06_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x01E7	40488	R/W	word	RLY-07_safeModeStatus	0: OFF, 1: ON, 2: Hold Last
0x0220	40545	R/W	word	RLY-00_PowerOnDelay	unit: sec(s)
0x0221	40546	R/W	word	RLY-01_PowerOnDelay	unit: sec(s)
0x0222	40547	R/W	word	RLY-02_PowerOnDelay	unit: sec(s)
0x0223	40548	R/W	word	RLY-03_PowerOnDelay	unit: sec(s)
0x0224	40549	R/W	word	RLY-04_PowerOnDelay	unit: sec(s)
0x0225	40550	R/W	word	RLY-05_PowerOnDelay	unit: sec(s)

ioLogik R1240 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x02C0	00705	R/W	bit	AI-00_resetMinValue	1: reset min. value
0x02C1	00706	R/W	bit	AI-01_resetMinValue	1: reset min. value
0x02C2	00707	R/W	bit	AI-02_resetMinValue	1: reset min. value
0x02C3	00708	R/W	bit	AI-03_resetMinValue	1: reset min. value
0x02C4	00709	R/W	bit	AI-04_resetMinValue	1: reset min. value
0x02C5	00710	R/W	bit	AI-05_resetMinValue	1: reset min. value
0x02C6	00711	R/W	bit	AI-06_resetMinValue	1: reset min. value
0x02C7	00712	R/W	bit	AI-07_resetMinValue	1: reset min. value
0x02E0	00737	R/W	bit	AI-00_resetMaxValue	1: reset max. value
0x02E1	00738	R/W	bit	AI-01_resetMaxValue	1: reset max. value
0x02E2	00739	R/W	bit	AI-02_resetMaxValue	1: reset max. value
0x02E3	00740	R/W	bit	AI-03_resetMaxValue	1: reset max. value
0x02E4	00741	R/W	bit	AI-04_resetMaxValue	1: reset max. value
0x02E5	00742	R/W	bit	AI-05_resetMaxValue	1: reset max. value
0x02E6	00743	R/W	bit	AI-06_resetMaxValue	1: reset max. value
0x02E7	00744	R/W	bit	AI-07_resetMaxValue	1: reset max. value
0x02C0	30705	R	word	AI-00_rawValue	
0x02C1	30706	R	word	AI-01_rawValue	
0x02C2	30707	R	word	AI-02_rawValue	
0x02C3	30708	R	word	AI-03_rawValue	
0x02C4	30709	R	word	AI-04_rawValue	
0x02C5	30710	R	word	AI-05_rawValue	
0x02C6	30711	R	word	AI-06_rawValue	
0x02C7	30712	R	word	AI-07_rawValue	
0x02E0	30737	R	word	AI-00_rawValueMin	
0x02E1	30738	R	word	AI-01_rawValueMin	
0x02E2	30739	R	word	AI-02_rawValueMin	
0x02E3	30740	R	word	AI-03_rawValueMin	
0x02E4	30741	R	word	AI-04_rawValueMin	
0x02E5	30742	R	word	AI-05_rawValueMin	
0x02E6	30743	R	word	AI-06_rawValueMin	
0x02E7	30744	R	word	AI-07_rawValueMin	
0x0300	30769	R	word	AI-00_rawValueMax	
0x0301	30770	R	word	AI-01_rawValueMax	
0x0302	30771	R	word	AI-02_rawValueMax	
0x0303	30772	R	word	AI-03_rawValueMax	
0x0304	30773	R	word	AI-04_rawValueMax	
0x0305	30774	R	word	AI-05_rawValueMax	
0x0306	30775	R	word	AI-06_rawValueMax	
0x0307	30776	R	word	AI-07_rawValueMax	
0x0320	30801	R	word	AI-00_engineeringValueHigh	high word
0x0321	30802	R	word	AI-00_engineeringValueLow	low word

0x0322	30803	R	word	AI-01_engineeringValueHigh	high word
0x0323	30804	R	word	AI-01_engineeringValueLow	low word
0x0324	30805	R	word	AI-02_engineeringValueHigh	high word
0x0325	30806	R	word	AI-02_engineeringValueLow	low word
0x0326	30807	R	word	AI-03_engineeringValueHigh	high word
0x0327	30808	R	word	AI-03_engineeringValueLow	low word
0x0328	30809	R	word	AI-04_engineeringValueHigh	high word
0x0329	30810	R	word	AI-04_engineeringValueLow	low word
0x032A	30811	R	word	AI-05_engineeringValueHigh	high word
0x032B	30812	R	word	AI-05_engineeringValueLow	low word
0x032C	30813	R	word	AI-06_engineeringValueHigh	high word
0x032D	30814	R	word	AI-06_engineeringValueLow	low word
0x032E	30815	R	word	AI-07_engineeringValueHigh	high word
0x032F	30816	R	word	AI-07_engineeringValueLow	low word
0x0360	30865	R	word	AI-00_engineeringValueMinHigh	high word
0x0361	30866	R	word	AI-00_engineeringValueMinLow	low word
0x0362	30867	R	word	AI-01_engineeringValueMinHigh	high word
0x0363	30868	R	word	AI-01_engineeringValueMinLow	low word
0x0364	30869	R	word	AI-02_engineeringValueMinHigh	high word
0x0365	30870	R	word	AI-02_engineeringValueMinLow	low word
0x0366	30871	R	word	AI-03_engineeringValueMinHigh	high word
0x0367	30872	R	word	AI-03_engineeringValueMinLow	low word
0x0368	30873	R	word	AI-04_engineeringValueMinHigh	high word
0x0369	30874	R	word	AI-04_engineeringValueMinLow	low word
0x036A	30875	R	word	AI-05_engineeringValueMinHigh	high word
0x036B	30876	R	word	AI-05_engineeringValueMinLow	low word
0x036C	30877	R	word	AI-06_engineeringValueMinHigh	high word
0x036D	30878	R	word	AI-06_engineeringValueMinLow	low word
0x036E	30879	R	word	AI-07_engineeringValueMinHigh	high word
0x036F	30880	R	word	AI-07_engineeringValueMinLow	low word
0x03A0	30929	R	word	AI-00_engineeringValueMaxHigh	high word
0x03A1	30930	R	word	AI-00_engineeringValueMaxLow	low word
0x03A2	30931	R	word	AI-01_engineeringValueMaxHigh	high word
0x03A3	30932	R	word	AI-01_engineeringValueMaxLow	low word
0x03A4	30933	R	word	AI-02_engineeringValueMaxHigh	high word
0x03A5	30934	R	word	AI-02_engineeringValueMaxLow	low word
0x03A6	30935	R	word	AI-03_engineeringValueMaxHigh	high word
0x03A7	30936	R	word	AI-03_engineeringValueMaxLow	low word
0x03A8	30937	R	word	AI-04_engineeringValueMaxHigh	high word
0x03A9	30938	R	word	AI-04_engineeringValueMaxLow	low word
0x03AA	30939	R	word	AI-05_engineeringValueMaxHigh	high word
0x03AB	30940	R	word	AI-05_engineeringValueMaxLow	low word
0x03AC	30941	R	word	AI-06_engineeringValueMaxHigh	high word
0x03AD	30942	R	word	AI-06_engineeringValueMaxLow	low word
0x03AE	30943	R	word	AI-07_engineeringValueMaxHigh	high word
0x03AF	30944	R	word	AI-07_engineeringValueMaxLow	low word
0x03E0	30993	R	word	AI-00_status	0: normal, 1: burnout, 2: over range, 3: under range
0x03E1	30994	R	word	AI-01_status	0: normal, 1: burnout, 2: over range, 3: under range
0x03E2	30995	R	word	AI-02_status	0: normal, 1: burnout, 2: over range, 3: under range
0x03E3	30996	R	word	AI-03_status	0: normal, 1: burnout,

					2: over range,
					3: under range
0x03E4	30997	R	word	AI-04_status	0: normal, 1: burnout, 2: over range, 3: under range
0x03E5	30998	R	word	AI-05_status	0: normal, 1: burnout, 2: over range, 3: under range
0x03E6	30999	R	word	AI-06_status	0: normal, 1: burnout, 2: over range, 3: under range
0x03E7	31000	R	word	AI-07_status	0: normal, 1: burnout, 2: over range, 3: under range
0x02C0	40705	R/W	word	AI-00_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C0	40705	R/W	word	AI-00_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C1	40706	R/W	word	AI-01_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C1	40706	R/W	word	AI-01_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C2	40707	R/W	word	AI-02_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C2	40707	R/W	word	AI-02_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C3	40708	R/W	word	AI-03_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C3	40708	R/W	word	AI-03_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C4	40709	R/W	word	AI-04_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C4	40709	R/W	word	AI-04_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C5	40710	R/W	word	AI-05_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C5	40710	R/W	word	AI-05_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C6	40711	R/W	word	AI-06_mode	1: 4-20 mA, 2: 0-20 mA,

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
					4: 4-20 mA burnout
0x02C6	40711	R/W	word	AI-06_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02C7	40712	R/W	word	AI-07_mode	1: 4-20 mA, 2: 0-20 mA, 4: 4-20 mA burnout
0x02C7	40712	R/W	word	AI-07_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA burnout, 3: 4-20 mA
0x02E0	40737	R/W	word	AI-00_burnoutValueHigh	high word
0x02E1	40738	R/W	word	AI-00_burnoutValueLow	low word
0x02E2	40739	R/W	word	AI-01_burnoutValueHigh	high word
0x02E3	40740	R/W	word	AI-01_burnoutValueLow	low word
0x02E4	40741	R/W	word	AI-02_burnoutValueHigh	high word
0x02E5	40742	R/W	word	AI-02_burnoutValueLow	low word
0x02E6	40743	R/W	word	AI-03_burnoutValueHigh	high word
0x02E7	40744	R/W	word	AI-03_burnoutValueLow	low word
0x02E8	40745	R/W	word	AI-04_burnoutValueHigh	high word
0x02E9	40746	R/W	word	AI-04_burnoutValueLow	low word
0x02EA	40747	R/W	word	AI-05_burnoutValueHigh	high word
0x02EB	40748	R/W	word	AI-05_burnoutValueLow	low word
0x02EC	40749	R/W	word	AI-06_burnoutValueHigh	high word
0x02ED	40750	R/W	word	AI-06_burnoutValueLow	low word
0x02EE	40751	R/W	word	AI-07_burnoutValueHigh	high word
0x02EF	40752	R/W	word	AI-07_burnoutValueLow	low word

ioLogik R1241 Modbus Address and Register Map

Address (hex)	Register (decimal)	Access	Type	Parameter Name	Description
0x04A0	41185	R/W	word	AO-00_rawValue	
0x04A1	41186	R/W	word	AO-01_rawValue	
0x04A2	41187	R/W	word	AO-02_rawValue	
0x04A3	41188	R/W	word	AO-03_rawValue	
0x04C0	41217	R/W	word	AO-00_rawValuePowerOn	
0x04C1	41218	R/W	word	AO-01_rawValuePowerOn	
0x04C2	41219	R/W	word	AO-02_rawValuePowerOn	
0x04C3	41220	R/W	word	AO-03_rawValuePowerOn	
0x04E0	41249	R/W	word	AO-00_rawValueSafeMode	
0x04E1	41250	R/W	word	AO-01_rawValueSafeMode	
0x04E2	41251	R/W	word	AO-02_rawValueSafeMode	
0x04E3	41252	R/W	word	AO-03_rawValueSafeMode	
0x0500	41281	R/W	word	AO-00_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA
0x0501	41282	R/W	word	AO-01_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA
0x0502	41283	R/W	word	AO-02_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA
0x0503	41284	R/W	word	AO-03_mode	0: 0-10 V, 1: 0-20 mA, 2: 4-20 mA

ioLogik E1200 EtherNet/IP

- **Supported Service**

Service Code	Class Level	Instance Level	Service Name	Description
0x05	No	Yes	Reset	Restart device
0x0E	Yes	Yes	Get_Attribute_Single	Read an attribute
0x10	No	Yes	Set_Attribute_Single	Modify an attribute

- **Assembly Object (0x04)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	Revision of this object
0x65	0x03	GET	Input Data	ARRAY of BYTE	Data Map by Models
0x65	0x04	GET	Size	UINT	Number of BYTE in attribute 0x03
0x66	0x03	SET	Output Data	ARRAY of BYTE	Data Map by Models
0x66	0x04	GET	Size	UINT	Number of BYTE in attribute 0x03

  - ○ **Input Data Map by Models**

Model	Channels	BYTE #	Access	Name	Data Type	Description
ioLogik E1210	DI-15...00	1...0	GET	diStatus	BOOL	DI - DI mode - status (0: OFF, 1: ON)
		65...2	GET	diCounterValue	UDINT	DI - Counter mode - value
ioLogik E1211	DO-15...00	1...0	GET	doStatus	BOOL	DO - DO mode - status (0: OFF, 1: ON)
ioLogik E1212	DI-15...00	1...0	GET	diStatus	BOOL	DI - DI mode - status (0: OFF, 1: ON)
		65...2	GET	diCounterValue	UDINT	DI - Counter mode - value
	DO-07...00	66	GET	doStatus	BOOL	DO - DO mode - status (0: OFF, 1: ON)
ioLogik E1213	DI-11...00	1...0	GET	diStatus	BOOL	DI - DI mode - status (0: OFF, 1: ON)
		49...2	GET	diCounterValue	UDINT	DI - Counter mode - value
	DO-07...00	50	GET	doStatus	BOOL	DO - DO mode - status (0: OFF, 1: ON)
ioLogik E1214	DI-05...00	0	GET	diStatus	BOOL	DI - DI mode - status (0: OFF, 1: ON)
		24...1	GET	diCounterValue	UDINT	DI - Counter mode - value
	RLY-05...00	25	GET	relayStatus	BOOL	Relay - Relay mode - status (0: OFF, 1: ON)
ioLogik E1240	AI-07...00	15...0	GET	aiValueRaw	UINT	AI - raw value
ioLogik E1241	AO-03...00	7...0	GET	aoValueRaw	UINT	AO - raw value
ioLogik E1242	DI-07...00	0	GET	diStatus	BOOL	DI - DI mode - status (0: OFF, 1: ON)
		32...1	GET	diCounterValue	UDINT	DI - Counter mode - value
	DO-03...00	33	GET	doStatus	BOOL	DO - DO mode - status (0: OFF, 1: ON)
	AI-03...00	41...34	GET	aiValueRaw	UINT	AI - raw value
ioLogik E1260	RTD-05...00	11...0	GET	rtdValueEngineeringMultiplied	UINT	RTD - Engineering Multiplied value
ioLogik E1262	TC-07...00	31...0	GET	tcValueEngineeringMultiplied	UDINT	TC - Engineering Multiplied value

  - ○ **Output Data Map by Models**

Model	Channels	BYTE #	Access	Name	Data Type	Description
ioLogik E1211	DO-15...00	1...0	SET	doStatus	BOOL	DO - DO mode - status (0: OFF, 1: ON)
ioLogik E1212	DO-07...00	0	SET	relayStatus	BOOL	Relay - Relay mode - status (0: OFF, 1: ON)
ioLogik E1213	DO-07...00	0	SET	relayStatus	BOOL	Relay - Relay mode - status (0: OFF, 1: ON)
ioLogik E1214	RLY-05...00	0	SET	relayStatus	BOOL	Relay - Relay mode - status (0: OFF, 1: ON)
ioLogik E1241	AO-03...00	7...0	SET	aoValueRaw	UINT	AO - raw value
ioLogik E1242	DO-03...00	0	SET	relayStatus	BOOL	Relay - Relay mode - status (0: OFF, 1: ON)

- **Instance Range by Models**

Model	Object	Instance range
ioLogik E1210	DI	0x64...0x73

ioLogik E1211	DO	0x64...0x73
ioLogik E1212	DI	0x64...0x73
	DO	0x64...0x6B
ioLogik E1213	DI	0x64...0x6F
	DO	0x64...0x6B
ioLogik E1214	DI	0x64...0x69
	Relay	0x64...0x69
ioLogik E1240	AI	0x64...0x6B
ioLogik E1241	AO	0x64...0x67
ioLogik E1242	DI	0x64...0x6B
	DO	0x64...0x67
	AI	0x64...0x67
ioLogik E1260	RTD	0x64...0x69
ioLogik E1262	TC	0x64...0x6B

- **DI Channel Object (0x65)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision
0x64	0x01	GET	diIndex	UINT	DI - index
0x64	0x02	GET	diMode	BOOL	DI - mode (0: DI, 1: Counter)
0x64	0x03	GET	diStatus	BOOL	DI - DI mode - status (0: OFF, 1: ON)
0x64	0x04	GET	diCounterValue	UDINT	DI - Counter mode - value
0x64	0x05	SET	diCounterStatus	BOOL	DI - Counter mode - status (0: STOP, 1: START)
0x64	0x06	SET	diCounterReset	BOOL	DI - Counter mode - reset to initial value (1: RESET)
0x64	0x07	GET	diCounterOverflowFlag	BOOL	DI - Counter mode - overflow flag (0: Normal, 1: Overflow
0x64	0x11	SET	diCounterOverflowFlagClear	BOOL	DI - Counter mode - clear overflow flag (1: Clear)

- **DO Channel Object (0x67)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision
0x64	0x01	GET	doIndex	UINT	DO - index
0x64	0x02	GET	doMode	BOOL	DO - mode (0: DO, 1: Pulse)
0x64	0x03	SET	doStatus	BOOL	DO - DO mode - status (0: OFF, 1: ON)
0x64	0x04	SET	doPulseStatus	BOOL	DO - Pulse mode - status (0: STOP, 1: START)
0x64	0x05	SET	doPulseCount	UINT	DO - Pulse mode - count
0x64	0x06	SET	doPulseOnWidth	UINT	DO - Pulse mode - ON width (unit: 1 ms)
0x64	0x07	SET	doPulseOffWidth	UINT	DO - Pulse mode - OFF width (unit: 1 ms)

- **Relay Channel Object (0x6A)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision
0x64	0x01	GET	relayIndex	UINT	Relay - index
0x64	0x02	GET	relayMode	BOOL	Relay - mode (0: Relay, 1: Pulse)
0x64	0x03	SET	relayStatus	BOOL	Relay - Relay mode - status (0: OFF, 1: ON)
0x64	0x04	SET	relayPulseStatus	BOOL	Relay - Pulse mode - status (0: STOP, 1: START)
0x64	0x05	SET	relayPulseCount	UINT	Relay - Pulse mode - count
0x64	0x06	SET	relayPulseOnWidth	UINT	Relay - Pulse mode - ON width (unit: 1.5 s)
0x64	0x07	SET	relayPulseOffWidth	UINT	Relay - Pulse mode - OFF width (unit: 1.5 s)
0x64	0x08	GET	relayTotalCount	UDINT	Relay - Relay mode - total count
0x64	0x09	GET	relayCurrentCount	UDINT	Relay - Relay mode - current count
0x64	0x0A	SET	relayCurrentCountReset	BOOL	Relay - Relay mode - reset current count (1: RESET)

- **AI Channel Object (0x6B)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision

0x64	0x01	GET	aiIndex	UINT	AI - index
0x64	0x02	GET	aiMode	UINT	AI - mode (0: 0-10 V, 1: 4-20 mA, 2: 0-20 mA, 4: 4-20 m
0x64	0x03	GET	aiValueRaw	UINT	AI - raw value
0x64	0x04	GET	aiValueScaled	REAL	AI - scaled value
0x64	0x05	GET	aiValueRawMin	UINT	AI - minimum raw value
0x64	0x06	GET	aiValueRawMax	UINT	AI - maximum raw value
0x64	0x07	GET	aiValueScaledMin	REAL	AI - minimum scaled value
0x64	0x08	GET	aiValueScaledMax	REAL	AI - maximum scaled value
0x64	0x09	SET	aiResetMinValue	BOOL	AI - reset minimum value (1: RESET)
0x64	0x0A	SET	aiResetMaxValue	BOOL	AI - reset maximum value (1: RESET)
0x64	0x0B	GET	aiStatus	UINT	AI - status (0: normal, 1: burnout, 2: over range, 3. unde
0x64	0x0C	GET	aiBurnoutValue	REAL	AI - burnout value

- **AO Channel Object (0x6C)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision
0x64	0x01	GET	aoIndex	UINT	AO - index
0x64	0x02	GET	aoMode	UINT	AO - mode (0: 0-10 V, 1: 4-20 mA, 2: 0-20 mA)
0x64	0x03	SET	aoValueRaw	UINT	AO - raw value
0x64	0x04	GET	aoValueScaled	REAL	AO - scaled value

- **RTD Channel Object (0x6D)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision
0x64	0x01	GET	rtdIndex	UINT	RTD - index
0x64	0x02	GET	rtdSensorType	UINT	RTD - sensor type
0x64	0x03	GET	rtdValueEngineeringMultiplied	UINT	RTD - Engineering Multiplied value
0x64	0x04	GET	rtdValueScaled	REAL	RTD - scaled value
0x64	0x05	GET	rtdValueEngineeringMultipliedMin	UINT	RTD - minimum Engineering Multiplied value
0x64	0x06	GET	rtdValueEngineeringMultipliedMax	UINT	RTD - maximum Engineering Multiplied value
0x64	0x07	GET	rtdValueScaledMin	REAL	RTD - minimum scaled value
0x64	0x08	GET	rtdValueScaledMax	REAL	RTD - maximum scaled value
0x64	0x09	SET	rtdResetMinValue	BOOL	RTD - reset minimum value (1: RESET)
0x64	0x0A	SET	rtdResetMaxValue	BOOL	RTD - reset maximum value (1: RESET)

- **TC Channel Object (0x6E)**

Instance	Attribute ID	Access	Name	Data Type	Description
0x00	0x01	GET	Revision	UINT	class revision
0x64	0x01	GET	tcIndex	UINT	TC - index
0x64	0x02	GET	tcSensorType	UINT	TC - sensor type
0x64	0x03	GET	tcValueEngineeringMultiplied	UDINT	TC - Engineering Multiplied value
0x64	0x04	GET	tcValueScaled	REAL	TC - scaled value
0x64	0x05	GET	tcValueEngineeringMultipliedMin	UDINT	TC - minimum Engineering Multiplied value
0x64	0x06	GET	tcValueEngineeringMultipliedMax	UDINT	TC - maximumEngineering Multiplied value
0x64	0x07	GET	tcValueScaledMin	REAL	TC - minimum scaled value
0x64	0x08	GET	tcValueScaledMax	REAL	TC - maximum scaled value
0x64	0x09	SET	tcResetMinValue	BOOL	TC - reset minimum value (1: RESET)
0x64	0x0A	SET	tcResetMaxValue	BOOL	TC - reset maximum value (1: RESET)

License Registration and Activation

The ioLogik E1200 series supports the EtherNet/IP protocol once the device has been registered and activated.

Take the following steps to register a license, and then activate multiple devices.

Step 1:

Assign a folder to place the license file in. Click **System → Options** to find the window display below. Next, click the settings icon to assign a path for the license folder. Click **OK** to complete the settings.

Step 2:

Locate the serial number on the ioLogik E1200 device. The device serial number can be found on the device label, as shown in the picture below.

Step 3:

Go to Moxa's Software Licensing website (http://license.moxa.com) and log in with your Moxa account and password, or apply for an account if this is your first visit to the site.

Step 4:

On the Software Licensing website, navigate to Activate Your Software → Software Function → ioLogik E1200 EtherNet/IP. First, a single product needs to be registered, simply input the serial number. Click the **Submit** button for registration.

Step 5:

Download the license file to the folder that was assigned in Step 1 and unzip it.

Step 6:

Connect the ioLogik E1200 devices to the computer and use ioSearch to search for the devices. Device information will be displayed in the window. Click the EIP icon in the toolbar to activate multiple devices in the list. Or select the unlicensed devices, right click on the devices, and select Activate EtherNet/IP. The progress of the activation process can be viewed, and ioSearch will inform you when the activation has finished.

ioLogik E1200 RESTful API

- **Supported Methods**
  - GET
  - PUT
  - OPTIONS

- **API List**

RESTful API	Name	Description
/api/slot/0/sysInfo		
/api/slot/0/sysInfo/device	modelName	model name
/api/slot/0/sysInfo/device	deviceName	device name
/api/slot/0/sysInfo/device	deviceUpTime	device up time
/api/slot/0/sysInfo/device	firmwareVersion	firmware version
/api/slot/0/sysInfo/network		
/api/slot/0/sysInfo/network/LAN		
/api/slot/0/sysInfo/network/LAN	lanMac	MAC address
/api/slot/0/sysInfo/network/LAN	lanIp	IP address
/api/slot/0/io/di		
/api/slot/0/io/di	diIndex	DI - index
/api/slot/0/io/di	diMode	DI - mode (0: DI, 1: Counter)
/api/slot/0/io/di	diStatus	DI - DI mode - status (0: OFF, 1: ON)
/api/slot/0/io/di	diCounterValue	DI - Counter mode - value
/api/slot/0/io/di	diCounterReset	DI - Counter mode - reset to initial value (1: RESET)
/api/slot/0/io/di	diCounterOverflowFlag	DI - Counter mode - overflow flag (0: Normal, 1: Overflow)
/api/slot/0/io/di	diCounterOverflowClear	DI - Counter mode - clear overflow flag (1: Clear)
/api/slot/0/io/di	diCounterStatus	DI - Counter mode - status (0: STOP, 1: START)
/api/slot/0/io/di/0/diStatus	diStatus	DI - DI mode - status (0: OFF, 1: ON)
/api/slot/0/io/di/0/diCounterValue	diCounterValue	DI - Counter mode - value
/api/slot/0/io/di/0/diCounterReset		DI - Counter mode - reset to initial value (1: RESET)
/api/slot/0/io/di/0/diCounterStatus		DI - Counter mode - status (0: STOP, 1: START)
/api/slot/0/io/do		
/api/slot/0/io/do	doIndex	DO - index
/api/slot/0/io/do	doMode	DO - mode (0: DO, 1: Pulse)
/api/slot/0/io/do	doStatus	DO - DO mode - status (0: OFF, 1: ON)
/api/slot/0/io/do	doPulseCount	DO - Pulse mode - count
/api/slot/0/io/do	doPulseOnWidth	DO - Pulse mode - ON width (unit: 1 ms)
/api/slot/0/io/do	doPulseOffWidth	DO - Pulse mode - OFF width (unit: 1 ms)
/api/slot/0/io/do	doPulseStatus	DO - Pulse mode - status (0: STOP, 1: START)
/api/slot/0/io/do/0/doStatus	doStatus	DO - DO mode - status (0: OFF, 1: ON)
/api/slot/0/io/do/0/doPulseCount	doPulseCount	DO - Pulse mode - count
/api/slot/0/io/do/0/doPulseStatus	doPulseStatus	DO - Pulse mode - status (0: STOP, 1: START)

/api/slot/0/io/relay		
/api/slot/0/io/relay	relayIndex	Relay - index
/api/slot/0/io/relay	relayMode	Relay - mode (0: Relay, 1: Pulse)
/api/slot/0/io/relay	relayStatus	Relay - Relay mode - status (0: OFF, 1: ON)
/api/slot/0/io/relay	relayTotalCount	Relay - Relay mode - total count
/api/slot/0/io/relay	relayCurrentCount	Relay - Relay mode - current count
/api/slot/0/io/relay	relayCurrentCountReset	Relay - Relay mode - reset current count (1: RESET)
/api/slot/0/io/relay	relayPulseStatus	Relay - Pulse mode - status (0: STOP, 1: START)
/api/slot/0/io/relay	relayPulseCount	Relay - Pulse mode - count
/api/slot/0/io/relay	relayPulseOnWidth	Relay - Pulse mode - ON width (unit: 1.5 s)
/api/slot/0/io/relay	relayPulseOffWidth	Relay - Pulse mode - OFF width (unit: 1.5 s)
/api/slot/0/io/relay/0/relayStatus	relayStatus	Relay - Relay mode - status (0: OFF, 1: ON)
/api/slot/0/io/relay/0/relayPulseStatus	relayPulseStatus	Relay - Pulse mode - status (0: STOP, 1: START)
/api/slot/0/io/relay/0/relayPulseCount	relayPulseCount	Relay - Pulse mode - count
/api/slot/0/io/ai		
/api/slot/0/io/ai	aiIndex	AI - index
/api/slot/0/io/ai	aiMode	AI - mode (0: 0-10 V, 1: 4-20mA, 2: 0-20mA, 4: 4-20mA burnout)
/api/slot/0/io/ai	aiValueRaw	AI - raw value
/api/slot/0/io/ai	aiValueScaled	AI - scaled value
/api/slot/0/io/ai	aiValueRawMin	AI - minimum raw value
/api/slot/0/io/ai	aiValueRawMax	AI - maximum raw value
/api/slot/0/io/ai	aiValueScaledMin	AI - minimum scaled value
/api/slot/0/io/ai	aiValueScaledMax	AI - maximum scaled value
/api/slot/0/io/ai	aiResetMinValue	AI - reset minimum value (1: RESET)
/api/slot/0/io/ai	aiResetMaxValue	AI - reset maximum value (1: RESET)
/api/slot/0/io/ai	aiStatus	AI - status (0: normal, 1: burnout, 2: over range, 3. under range)
/api/slot/0/io/ai	aiBurnoutValue	AI - burnout value
/api/slot/0/io/ai/0/aiValueRaw	aiValueRaw	AI - raw value
/api/slot/0/io/ao		
/api/slot/0/io/ao	aoIndex	AO - index
/api/slot/0/io/ao	aoMode	AO - mode (0: 0-10 V, 1: 4-20mA, 2: 0-20 mA)
/api/slot/0/io/ao	aoValueRaw	AO - raw value
/api/slot/0/io/ao	aoValueScaled	AO - scaled value
/api/slot/0/io/ao/0/aoValueRaw	aoValueRaw	AO - raw value
/api/slot/0/io/rtd		
/api/slot/0/io/rtd	rtdIndex	RTD - index
/api/slot/0/io/rtd	rtdSensorType	RTD - sensor type
/api/slot/0/io/rtd	rtdValueEngineeringMultiplied	RTD - engineering multiplied value
/api/slot/0/io/rtd	rtdValueEngineeringMultipliedMin	RTD - engineering multiplied minimum value
/api/slot/0/io/rtd	rtdValueEngineeringMultipliedMax	RTD - engineering multiplied maximum value
/api/slot/0/io/rtd	rtdValueScaled	RTD - scaled value
/api/slot/0/io/rtd	rtdValueScaledMin	RTD - minimum scaled value
/api/slot/0/io/rtd	rtdValueScaledMax	RTD - maximum scaled value
/api/slot/0/io/rtd	rtdResetMinValue	RTD - reset minimum value (1: RESET)
/api/slot/0/io/rtd	rtdResetMaxValue	RTD - reset maximum value (1: RESET)
/api/slot/0/io/rtd/0/rtdValueEngineeringMultiplied	rtdValueEngineeringMultiplied	RTD - engineering multiplied value
/api/slot/0/io/tc		
/api/slot/0/io/tc	tcIndex	TC - index
/api/slot/0/io/tc	tcSensorType	TC - sensor type
/api/slot/0/io/tc	tcValueEngineeringMultiplied	TC - engineering multiplied value
/api/slot/0/io/tc	tcValueEngineeringMultipliedMin	TC - engineering multiplied minimum value
/api/slot/0/io/tc	tcValueEngineeringMultipliedMax	TC - engineering multiplied maximum value
/api/slot/0/io/tc	tcValueScaled	TC - scaled value
/api/slot/0/io/tc	tcValueScaledMin	TC - minimum scaled value
/api/slot/0/io/tc	tcValueScaledMax	TC - maximum scaled value
/api/slot/0/io/tc	tcResetMinValue	TC - reset minimum value (1: RESET)
/api/slot/0/io/tc	tcResetMaxValue	TC - reset maximum value (1: RESET)
/api/slot/0/io/tc/0/tcValueEngineeringMultiplied	tcValueEngineeringMultiplied	TC - engineering multiplied value

- **Response Code**

HTTP Status Code	Description	Moxa Status Code	Moxa Status Code	User Message
400	Bad Request	101	UnsupportedVersion	The content version specified in the request is not supporte
400	Bad Request	102	UnsupportedDocFormat	The document format specified in the request is not suppor
400	Bad Request	201	InvalidJsonFormat	The json format in the request is invalid.
400	Bad Request	202	InvalidNodeValue	One of the node values is invalid.
400	Bad Request	203	WrongChannelOrder	The I/O channels are disordered.
400	Bad Request	204	MissingRequiredChannel	A required channel index was not specified in the request b
400	Bad Request	206	MissingRequiredNode	A required node was not specified in the request body.
400	Bad Request	300	ContentFailed	One of the channel content in the request could not be set.
400	Bad Request	301	ContentFailedToSet	The content in the request could not be set. (invalid value)
200	OK	N/A		
404	Bad Request	N/A		
405	Method Not Allowed	N/A		
500	Internal Server Error	N/A		