

ioLogik E1212 Modbus Address and Register Map

I/O

Parameter Name	Description	Start Address (decimal)	Point Type	Start Register (decimal)	Length	Access	Type
DI_counterOverflowFlag	0: Normal, 1: Overflow	1000	02:INPUT STATUS	11001	16	R	bit
DI_counterOverflowFlagClear	1: clear overflow flag	0288	01:COIL STATUS	00289	16	R/W	bit
DI_counterReset	1: reset to initial value	0272	01:COIL STATUS	00273	16	R/W	bit
DI_counterStatus	0: STOP, 1: START	0256	01:COIL STATUS	00257	16	R/W	bit
DI_counterValue	high/low word	0016	04:INPUT REGISTER	30017	32	R	2 words
DI_status	0: OFF, 1: ON	0000	02:INPUT STATUS	10001	16	R	bit
DI-all_statusFromDI-00	0: OFF, 1: ON	0048	04:INPUT REGISTER	30049	1	R	word
DO_p2pSafeModeFlagClear	1: clear safe mode flag	4128	01:COIL STATUS	04129	8	R/W	bit
DO_p2pSafeModeFlag	0: OFF, 1: ON	4112	02:INPUT STATUS	14113	8	R	bit
DO_p2pStatus	0: OFF, 1: ON	4096	02:INPUT STATUS	14097	8	R	bit
DO_pulseCount		0036	03:HOLDING REGISTER	40037	8	R/W	word
DO_pulseOffWidth	unit: 1 ms	0068	03:HOLDING REGISTER	40069	8	R/W	word
DO_pulseOnWidth	unit: 1 ms	0052	03:HOLDING REGISTER	40053	8	R/W	word
DO_pulseStatus	0: STOP, 1: START	0016	01:COIL STATUS	00017	8	R/W	bit
DO_status	0: OFF, 1: ON	0000	01:COIL STATUS	00001	8	R/W	bit
DO-all_statusFromDO-00	0: OFF, 1: ON	0032	03:HOLDING REGISTER	40033	1	R/W	word

System

Parameter Name	Description	Start Address (decimal)	Point Type	Start Register (decimal)	Length	Access	Type
deviceName	Each byte represents ASCII code of each character	5040	04:INPUT REGISTER	35041	30	R	word
deviceUpTime	unit: sec(s)	5020	04:INPUT REGISTER	35021	2	R	word
firmwareVersion	e.g. V1.2.3 -> 1st byte: 1, 2nd byte: 2, 3rd byte: 3	5029	04:INPUT REGISTER	35030	2	R	word
firmwareBuildDate	e.g. Build16051718 --> 16051718	5031	04:INPUT REGISTER	35032	2	R	word
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	R	word
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	R	word
modelName	Each byte represents ASCII code of each character	5000	04:INPUT REGISTER	35001	10	R	word
watchdogAlarmFlag	1: clear watchdog alarm	4144	01:COIL STATUS	04145	1	R/W	bit