

Address Mapping

Remote Modules

Remote Modules

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Mapping Table

A-1212				
Supported Modbus Code:	01/02/05/15			
Address 0X	Item	NOR	INIT*	NOTE
00001-00002	0-1 DI Input Signal	R	R	
00017-00018	0-1 DO Output Value	R/W	R/W	
00033-00034	0-1 Power On Digital Output Value	R	R/W	
00049-00050	0-1 Communication Fail Safe Value	R	R/W	
00065-00066	0-1 Burn-out Signal	R	R	1:Burn-out (4-20mA only)
00067-00068	2-3 Burn-out Signal	R	R	1:Burn-out
00129-01152	0-1023 Auxiliary Memory (M Flag)	R/W	R/W	
Supported Modbus Code:	03/04/06/16			
Address 4X	Item	NOR	INIT*	NOTE
40001-40002	0-1 Current Input Value	R	R	0-20000:0/4-20mA
40003-40004	2-3 Current Input Value	R	R	0-8000:-200-+600° C
40017-40018	0-1 Current Output Value	R/W	R/W	0-4000:0/4-20mA
40033-40034	Power On Analog Output Value	R	R/W	0-4000:0/4-20mA
40049-40050	0-1 Communication Fail Safe Analog Output Value	R	R/W	0-4000:0/4-20mA
40065-40066	0-1 Input Type Code	R	R/W	0:4-20mA 1:0-20mA
40067-40068	2-3 Input Type Code	R	R/W	0:PT-100 α =0.00385
				1:PT-100 α =0.003916
				2:PT-1000 α =0.00385
				3:PT-1000 α =0.003916
40081-40082	0-1 Output Type Code	R	R/W	0:4-20mA 1:0-20mA
40097-40098	0-1 Current Input Value	R	R	4/0-20:4/0-20mA
40099-40100	2-3 Current Input Value	R	R	-200-+600:-200-+600° C
40113-40114	0-1 Current Input Value	R	R	4/0-20:4/0-20mA
40115-40116	2-3 Current Input Value	R	R	-328-+1112:-328-+1112° F
40129-40130	0-1 Current Input Value	R	R	40/0-200:4.0/0-20.0mA
40131-40132	2-3 Current Input Value	R	R	-2000-+6000:-200.0-+600.0° C
40145-40146	0-1 Current Input Value	R	R	40/0-200:4.0/0-20.0mA
40147-40148	2-3 Current Input Value	R	R	-3280-+11120:-328.0-+1112.0° F
40161-40164	0-3 Current Input Value	R	R	0-10000:0.00-100.00% of FSR
40177	Communication Fail Safe Time Setting Value	R	R/W	0-65535:Disable-65535msec
40178	All DI Value	R	R	
40211	Module Name 1	R	R	0x12 0x12
40212	Module Name 2	R	R	
40213	Version 1	R	R	0x01 0x12
40214	Version 2	R	R	
40215-40220	1-6 Mac Serial Number	R	R	
40300	Module's ID In Normal Mode	R	R/W	1-255
40301	Protocol In Normal Mode	R	R/W	0: RTU 1: ASCII
40302	Baud Rate In Normal Mode	R	R/W	1: 2400 bps 2: 4800 bps 3: 9600 bps 4: 14400 bps 5: 19200 bps 6: 28800 bps 7: 38400 bps 8: 57600 bps 9: 115200 bps 10: 230400 bps 11: 460800 bps 12: 921600 bps
40303	Parity Option In Normal Mode			0: None 1: Odd 2: Even
40304	Stop Bits In Normal Mode	R	R/W	0: 1 bit 1: 2 bit
40305	Time Out Setting In Normal Mode	R	R/W	0-65535 msec
40609-40616	0-3 Current Input Value	R	R	32-bit Floating Value (IEEE754)(Float CD AB)
40641-40648	0-3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754)(Float CD AB)
40673-40680	0-3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754)(Float CD AB)
40705-40712	0-3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float AB CD)
40737-40744	0-3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float AB CD)
40769-40776	0-3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float AB CD)
40801-40808	0-3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float BA DC)
40833-40840	0-3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float BA DC)
40865-40872	0-3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float BA DC)
40897-40904	0-3 Current Input Value	R	R	32-bit Floating Value (IEEE754) (Float DC BA)
40929-40936	0-3 Current Input Value	R	R	32-bit Deg.C Floating Value (IEEE754) (Float DC BA)
40961-40968	0-3 Current Input Value	R	R	32-bit Deg.F Floating Value (IEEE754) (Float DC BA)
41281-41408	0-127 Analog Auxiliary Memory (AM Flag)	R/W	R/W	0-65535
40401	WIFI Mode	R	R/W	0:AP(default) 1:Remote
40402	WIFI Encryption (WPA2)	R	R/W	0:DISABLE(default) 1:ENABLE
40403-40434	WIFI SSID	R	R/W	Default: 12WIFI
40435-40498	WIFI Password	R	R/W	Default: 88888888
40499	WIFI Channel	R	R/W	0- 13 0: Auto(default) / 1-13CH
40500-40503	WIFI IP	R	R/W	IP:x.x.x.x default: 192.168.1.1
40504-40507	WIFI MASK	R	R/W	MASK: x.x.x.x default:255.255.255.0
40508-40511	WIFI GATEWAY	R	R/W	GATEWAY: x.x.x.x Default:192.168.1.1
40512	WIFI MODBUS ID	R	R/W	INIT*: 0, NOR:1-255
40513	WIFI LOCAL PORT	R	R/W	1-65535 Default :502
40514	WIFI REMOTE PORT	R	R/W	1-65535 Default:2000
40515	WIFI DHCP Enable	R	R/W	0:ENABLE(default) 1:DISABLE
40516	WIFI PROTOCOL	R	R/W	0:Modbus TCP/IP(default) 1:Modbus UDP/IP 2:Modbus RTU Over TCP/IP 3:Modbus RTU Over UDP/IP
40517	WIFI TX POWER	R	R/W	0: Auto(default) step:1-12
40518-40523	MAC ADDRESS	R	R	EX: 00-05-5D-E8-0F-A3

For more information, please refer to www.yottacontrol.com