

SPECIFICATIONS

Power Supply	24V AC +/- 5% or 24V DC +15% / - 15%
Consumption	12VA
Current Rating	500mA at 24VAC/VDC
Storage Temp	-20 to 85 oC (-4 to 185 oF)
Operating Temp	0 to 65 0C (32 to 150 oF)
Operating Humidity	10% to 90% Relative Humidity noncondensing
Dimensions	136 x 104 x 44 (mm), 5.4 x 4.1 x 1.7 (inches)
Material	Plastic conforms with UL
Weight	350g / 12.4 oz
Main Processor	MIPS 580 MHz
Processor	ARM Cortex 48 MHz
Flash Memory	32MB
RAM	128MB
Ethernet	2 x Ethernet Port, non-bridged 10Base-T/ 100Base-T interface, half or full duplex Spanning Tree Protocol (Spanning Tree Protocol disables Wi-Fi)
WLAN	WiFi 802.1x b/g/n
RS 485 Ports	1 x RS485
Real Time Clock (RTC)	Real Time Clock with min 5 days backup by SuperCAP
Network Security Standard	IPv6, DHCP Client, SSL, TLS 1.3, 802.1x, WPA Enterprise
Database and API	MQTT, SQL Database and REST API
Protocols Supported	BACnet IP client/server, BACnet MSTP client/server, Modbus TCP/RTU M/S (Modbus Master disables BACnet Client) , TCOM, web services, HTML5, SOX
Email Service	SMTP protocol (outgoing email) with SSL authentication
Time Sync Protocol	Network Time Sync Protocol
Modbus Baud Rate	Speed : (9.6K, 19.2k, 38.4K, 57.6K) , Data Bits : 8 , Parity: Odd, Even, None
BACnet Baud Rate	Speed : 9.6K, 19.2k, 38.4K, 76.8K
Universal Inputs	4 x UI , 12-bit ADC with PGA Resistance Mode : 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode : 0-10V (+/- 0.05V) Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode : Voltage Free Contact
Analog Output	4 x AO, 12 bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 2,000 Ohm. Maximum 5ma current draw
SKU	EasyIO-FW-08
Optional	Remote Antenna FW-ANT-1 and FW-ANT-2
Warranty	Yes, ask your local EasyIO representative
Certifications	CE, BTL, UL, FCC, RoHS
Engineer Tool	CPT
Product and Engineering License	Included
Annual Maintenance	Included
Contact	www.easyio.com