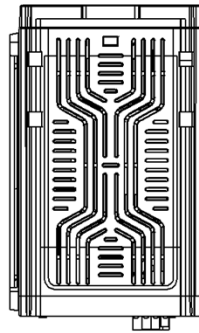


CODESYS® PLC with IIoT Gateway



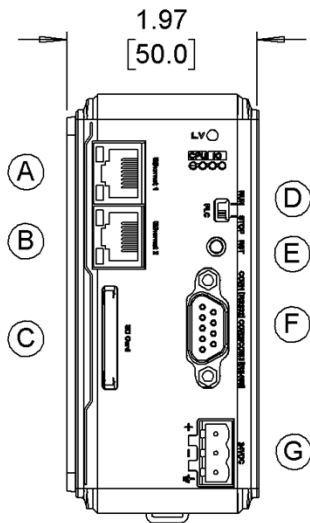
- Compliant with IEC61131-3 Programming
- Multi-Core Processor Devotes CPU Resources to Dedicated Control Logics
- 4 GB Flash, 512 MB RAM Memory
- 35mm DIN Rail Mount, Expandable I/O Modules (iR series)
- MQTT, OPC-UA, MODBUS TCP/IP Gateway Support

Memory	Flash	4 GB
	RAM	512 MB
	Data, Memory, Code	3 MB
	Retain Area	16KB (every minute, kept after power cycle)
	Persistent Area	16KB (every minute, kept after download)
	File System	8 MB
System	CPU	Dual-Core 32-bit RISC 1 GHZ
	RTC	Built-in
I/O Ports	Serial	1 x DE9P COM1: RS-232 2 wire, COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	LAN	1 x GbE RJ-45; 1 x 10/100 Base-T RJ-45
	CANbus	N/A
	USB Host	N/A
	USB Client	N/A
	Local Bus	iBus
CODESYS®	SD Card Slot	1x Secure Digital Memory Card (SD/SDHC) socket, 32GB capacity
	Protocol	Modbus TCP/IP Master, EtherCAT Master
Electrical	Input Voltage	24 ± 20% VDC
	Input Current	310mA @ 24 VDC (nominal)
	Power	7.44 W
	Internal Bus Current	Max. 2 A @ 5 VDC
	Current Consumption	550mA @ 5 VDC
	Power Isolation	Built-in
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
	Voltage Resistance	500 VAC (1 min.)
Mechanical	Enclosure	Plastic, charcoal grey
	PCB Coating	Yes
	Dimensions (W x H x D)	4.29 x 3.19 x 1.97 inches [109 x 81 x 50 mm]
	Net Weight	Approx. 0.53 lbs. [0.24 kg]
	Mounting	35 mm DIN rail
Environmental	Operating Temperature	14° ~ 122°F (-10° ~ 50°C)
	Storage Temperature	-4° ~ 158°F (-20° ~ 70°C)
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25 Hz (X, Y, Z direction, 2G, 30 minutes)
	Rating	IP20
Software	Certifications	cULus, CE, RoHS
		EasyBuilder Pro (v6.03.02 or later) CODESYS® (V3.5 SP10 Patch 3 or later)
Notes	Specifications subject to change without notice	

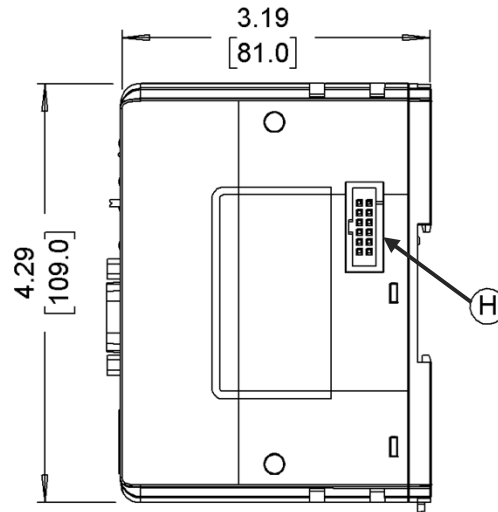


Top View

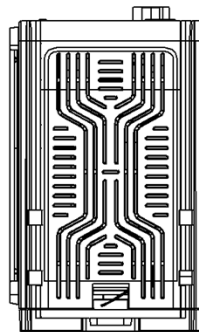
Dimensions are in inches [mm]



Front View



Side View



Bottom View

- A Gigabit Ethernet Port
- B Ethernet Port
- C SD/SDHC Card Slot
- D RUN/STOP Switch
- E Reset Button
- F COM Port DE9P
- G Power Connector
- H Expansion Port Connector