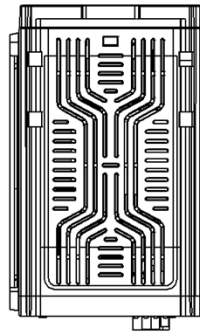


## CODESYS® PLC with IIoT Gateway



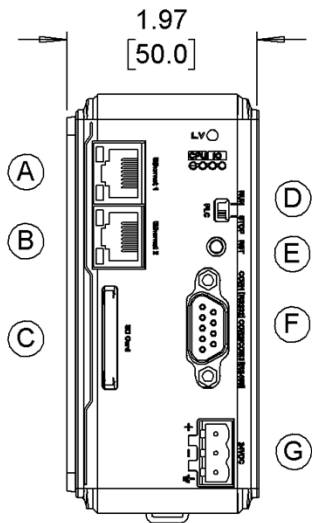
- Compliant with IEC61131-3 Programming
- Multi-Core Processor Devotes CPU Resources to Dedicated Control Logics
- 4 GB Flash, 512 MB RAM Memory
- 35mm DIN Rail Mount, Expandable I/O Modules (iR series)
- MQTT, OPC-UA, MODBUS TCP/IP Gateway Support

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

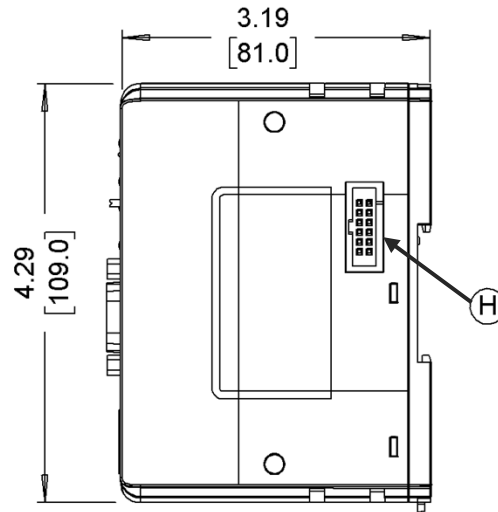


Top View

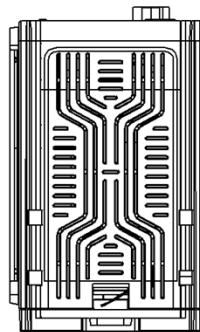
Dimensions are in inches [mm]



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