Networking

Product Description

The iO-BAC-RTR is a BACnet/IP to BACnet MS/TP router with built-in Modbus gateway. This compact device is din-rail mountable which makes it ideal for panel mounting. It can be powered by a hard wired 12-24V ac or dc supply or via USB connection.
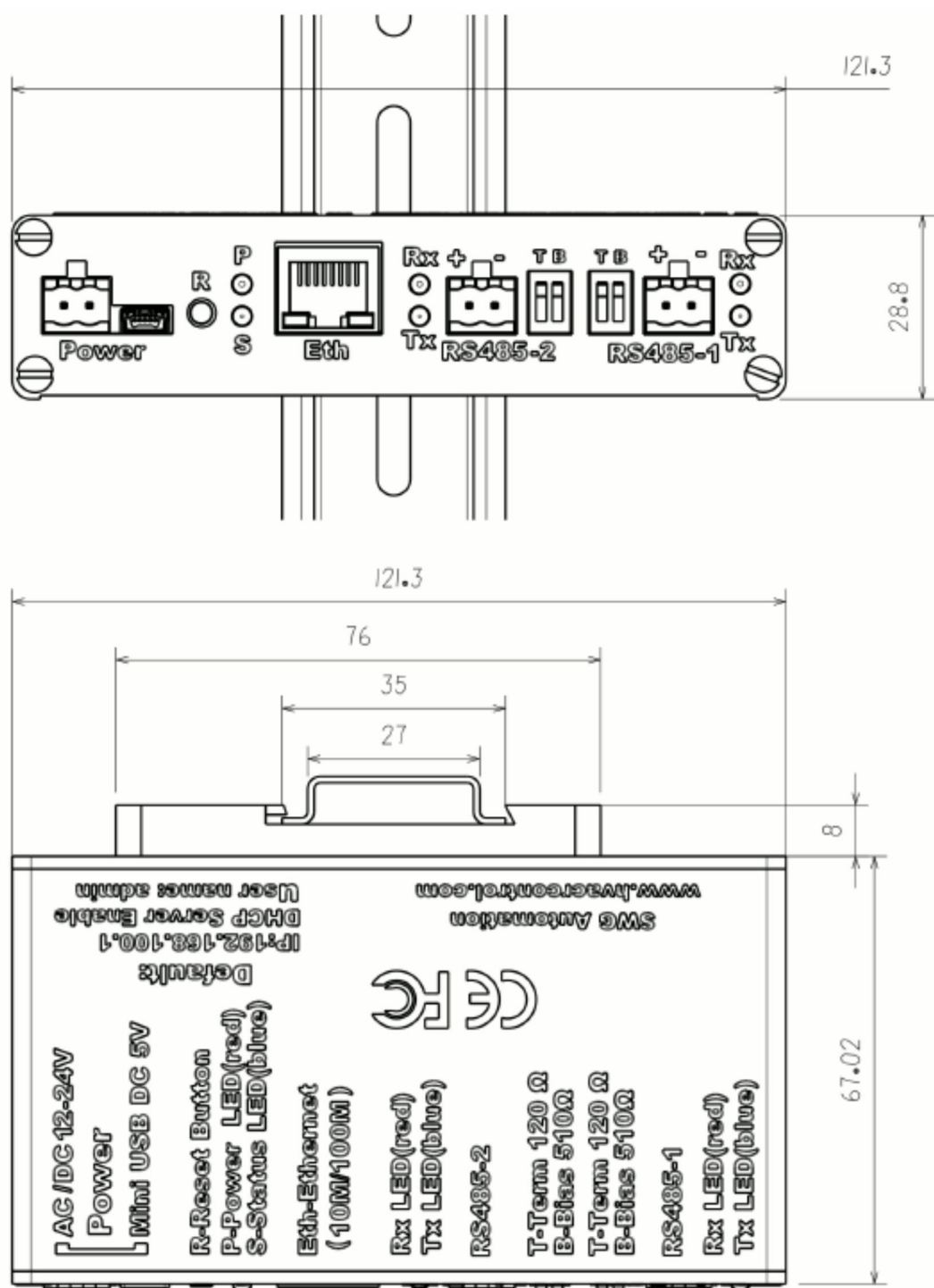
Product Features

- One ethernet port
- Two RS-485 connections
- 12-24Vac/dc power with screw terminal connections
- mini USB power connection
- Ethernet 10/100 Mbps half/full duplex with auto-negotiation and auto-MDIX
- Indicator LEDS monitor signal and power

Product Specifications

Power Supply:	12-24V ±10% ac/dc (removable 2-wire terminal block)
	5Vdc, mini USB socket
Current draw:	60mA (typical) / 120mA (max) @ 24Vdc
Power Consumption:	3W max
Operating Temperature:	14 to 176°F (-10 to 80°C)
Storage Temperature:	-40 to 194°F (-40 to 90°C)
Operating Humidity:	0 to 95% non-condensing
Protection:	IP30
Dimensions:	4.76" x 2.95"W x 1.14"D (121 x 75 x 29 mm)
Weight:	0.5 lb. (0.2 kg)
DIN Mount:	35 mm
Enclosure:	Metal
Ethernet:	IEEE 802.3 10/100 Mbps data rate
	Half/full duplex
	10BASE-T, 100BASE-TX physical layer
	RJ45 Ethernet Jack
	100m (max) CAT5 cable length
RS485:	ANSI/ASHRAE 135 (ISO 16484-5)
	Baud rates: 9600, 19200, 38400, 57600, 76800, 115200
	1500V isolated EIA-485 interface
	TVS and PTC for 15kv air/8kv contact ESD protection
	1/8 device load, 3937 ft. (max) cable length (2952 ft. on 115200bps)
	Removable 2-wire screw terminal block
	DIP switch for 120Ω bus terminator
	DIP switch for 519Ω bus biasing
Accessory:	Three 2-wire screw terminals, 3 ft. mini USB cable
Regulatory Compliance:	CE Mark; CFR 47, Part 15 Class B

Specifications are subject to change without notice

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Product Dimensions (in millimeter)

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