

# iNetE

## Network Controller Modbus Gateway

### Description:

This full-featured programmable embedded network controller is designed for full compatibility with ControlCore software and hardware products. It provides secure remote access and supervisory control for ControlCore projects.

Used with the ControlCore suite, it offers full programmability and straightforward Modbus integration, delivering a strong performance-to-price ratio.

### Highlights:

Ethernet and WiFi connectivity to LAN and Internet.

Real Time Clock

RS485 network port, adjustable baud rate

MQTT Protocol support. Access data from MQTT compatible Brokers.



### Technical Data:

#### iNetE:

RS485 network port

Ethernet connection

Wi-Fi

#### Operating temperature:

-30~70°C (-22~158°F)

#### Supply voltage:

12~24V AC/DC, 50-60Hz

#### Nominal power consumption:

100mA at 24VDC

#### Operating environment:

0~99% humidity non-condensing

Monochrome LCD

Real Time Clock

Supports ControlCore and standard Modbus/RTU protocol

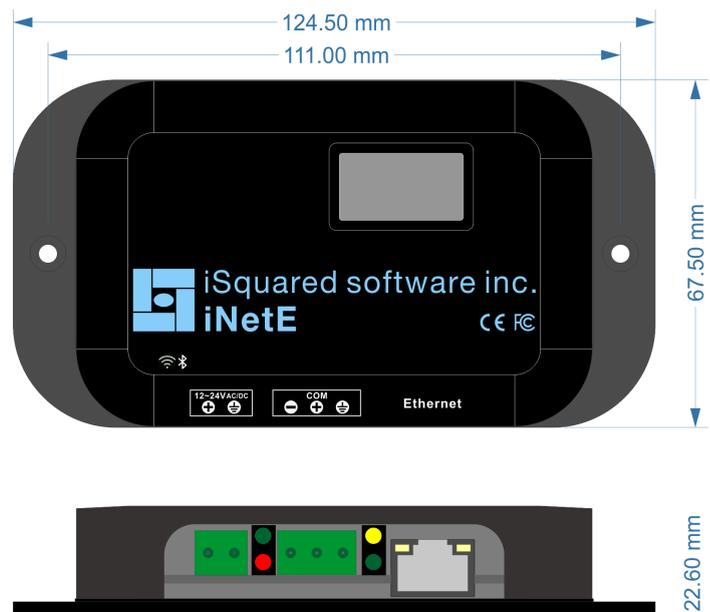
RS485 network port, 19200 / 8-N-1

User selectable baud rates (9600, 19200, 38400, 57600, 115200)

Color:

Black

Weight:130g



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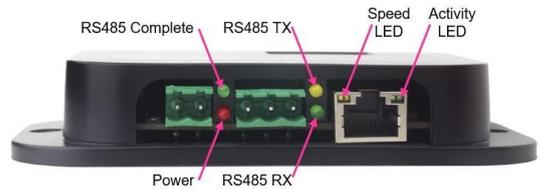
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### Connections, board and wiring diagram:

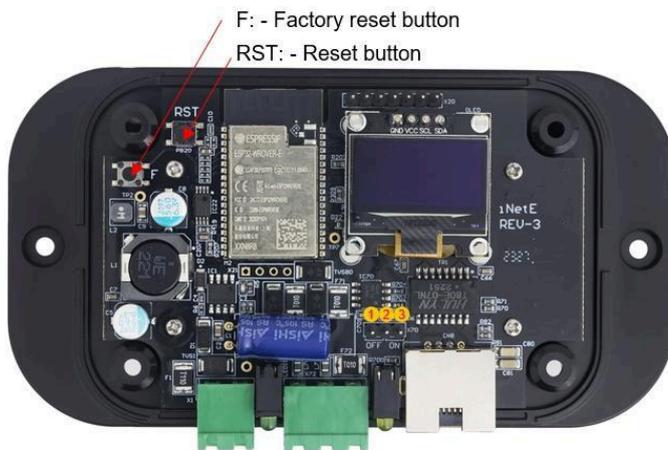
Power, COM and Ethernet



iNetE LEDs



Board



F: - Factory reset button  
RST: - Reset button

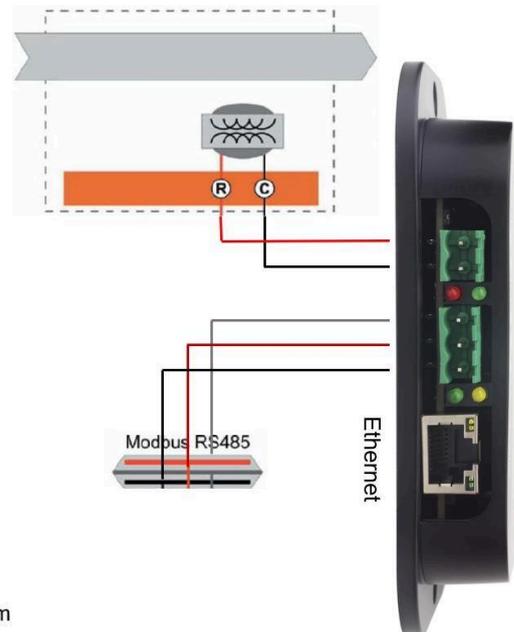
1 2 3

- No jumper: no terminating resistor
- Jumper OFF: terminating resistor OFF (default)
- Jumper ON: terminating resistor ON

**RST:** resets the device

**F:** pressing the "RST" button while the "F" button is held down will perform a complete factory reset, program is cleared, all server configurations are cleared, communications is set to Ethernet with DHCP and WiFi is off.

Wiring Diagram



### One Year Guarantee and Limitation of Liability:

iSquared Software Inc. warrants to the original purchaser that this product is free from defects in materials and workmanship under normal use and service for a period of one (1) year from the date of shipment from the factory or an authorized sales channel.

iSquared Software Inc.'s liability under this warranty is limited solely to the repair or replacement of defective products. Upon expiration of the warranty period, all such liability shall terminate.