

iNetE

**Description:**

This full-featured programmable embedded Network Controller is specifically designed by our engineers for full compatibility with ControlCore software and hardware products. It provides secure remote access and supervisory control facilities for your ControlCore projects.

In conjunction with the ControlCore suite, it also offers full programmability, easy Modbus integration, all at one of the best performance/price ratio available on the market.

**Highlights:**

- Lightweight plastic enclosure
- 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  
 .....WiFi

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.

Lightweight plastic housing.

Monochrome LCD.

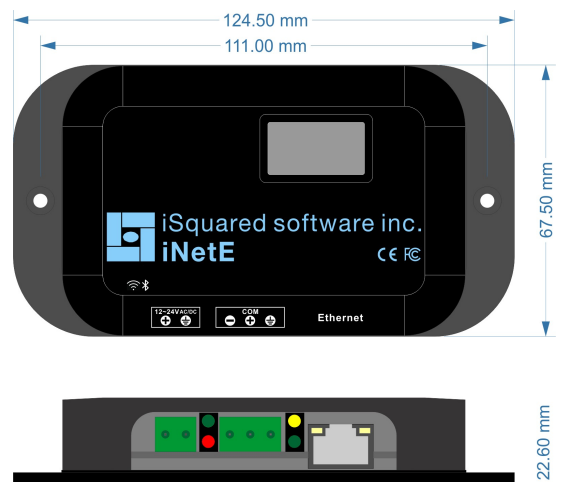
Real Time Clock.

Supports ControlCore™ and standard Modbus/RTU protocol.

RS485 network port, 19200 / 8-N-1  
 User selectable baud rates (9600, 19200, 38400, 57600, 115200)

Colour.....Black.

Weight.....130g.

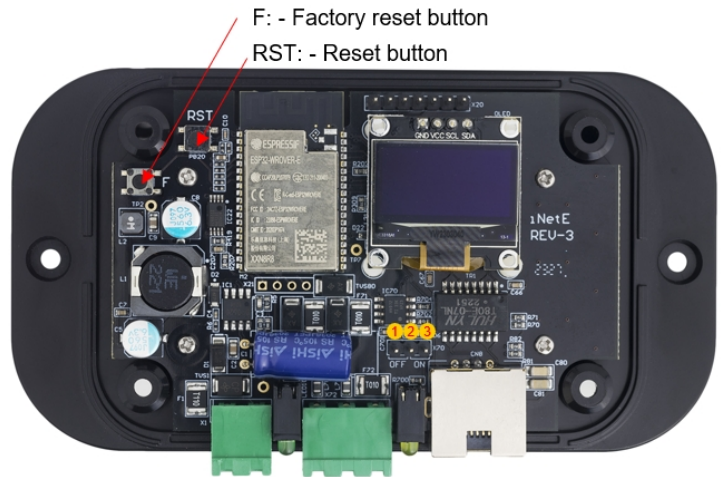


## iNet connections and board:

### Power, COM and Ethernet:

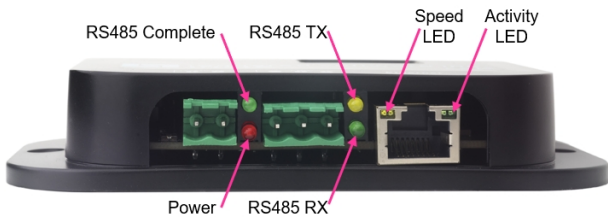


### Board and RS485 terminating resistor jumpers:



F: - Factory reset button  
RST: - Reset button

### iNetE LEDs:



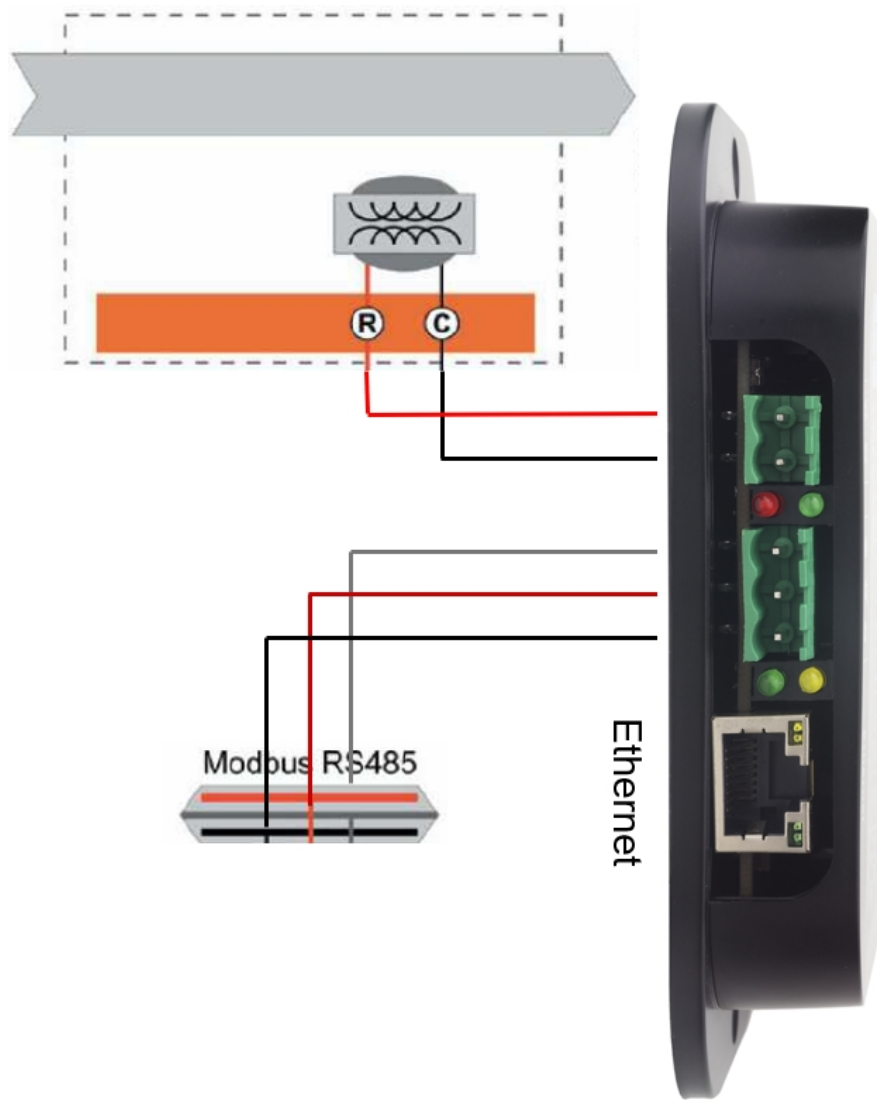
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- No jumper: no terminating resistor
- Jumper OFF: terminating resistor OFF (default)
- Jumper ON: terminating resistor ON

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. guarantees to the original purchaser that this product is free from defects in both material and workmanship under normal use and service within one (1) year from the date of shipment from the factory or from its official sales channel to the original purchaser. The liability of iSquared software inc. under this guarantee shall not in any case exceed the cost of correcting defects in the product of supplying replacement product as herein provided and upon the expiration of the guarantee period all such liability shall terminate.