# T2S ETH with CATENA
## for MODULAR INVERTER SYSTEMS

## Description

- System monitoring solution for inverter systems
- Monitoring data from system level to module level
- Rear ethernet connection for LAN connectivity
- Front ethernet connection for maintenance and service
- Highly configurable alarms, digital inputs and relays mapping
- Support multiple protocols like Modbus and SNMP to be integrated in BMS
- Extended memory for log file
- Easy to update from remote location (user interface) or locally (USB)
- File download/upload from USB stick front face
- Basic and Expert user level access
- Web based user interface accessible locally through 7" touchscreen or remotely from web browser
- Compatible with : TSI Nova, Media, Bravo & ECI Bravo modular inverters

## Features

### Supported Protocols

- Modbus TCPIP (read only)
- Modbus RTU (read-only) on RS485
- SNMP v1, v2c and v3 based either on CET MIB or RFC1628 MIB

### Logs

- Event log up to 2000 events (FIFO)

### Environmental

- Temperature :
    - Ambient : -20°C to 50°C
    - Storage : -40°C to 70°C
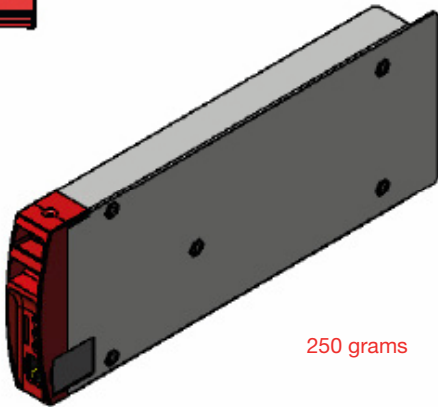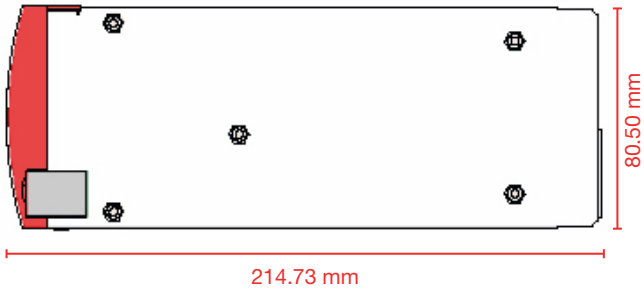- Humidity : 95% non condensing

## System features

### T2S ETH

- 3 output relays (Major, Minor and one user programmable)
- 2 digital inputs
- ETH connection
- 3 status LED (Major, Minor, OK)
- CET Module bus
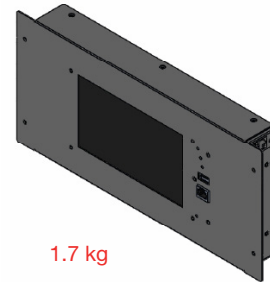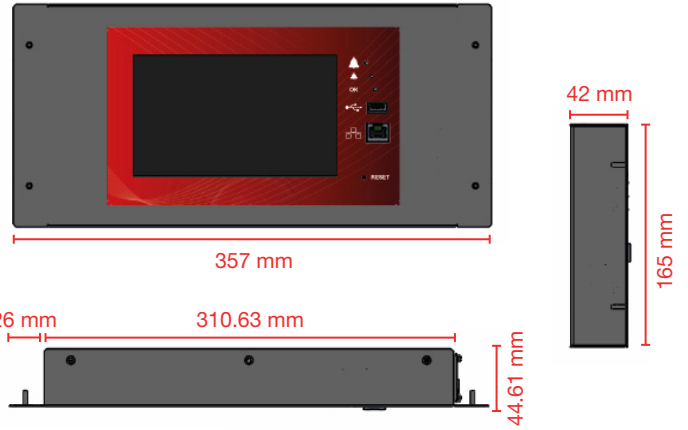- Rack mounting
- 12V power supply from shelf

### Catena

- 7" LCD capacitive touchscreen
- 3 status LED (Major, Minor, OK)
- 1x front USB
- 1x front Ethernet + 1x rear Ethernet (not coupled)
- Rack or panel mounting
- Redundant 12V power supply

**Product name: T2S ETH - 2U**
**Part number: T322010100**



80.50 mm

214.73 mm

87.6 mm

80.82 mm

18.5 mm

250 grams

*\* Other T2S ETH variants on dedicated T2S ETH datasheet*



ECi

TSi

TCP/IP

**Product name: Catena - Panel door mount**
**Part number: T302003021**



357 mm

42 mm

165 mm

26 mm

310.63 mm

44.61 mm

1.7 kg

**Product name: Catena - Rack mount**
**Part number: T302003010**



475 mm

132 mm

440 mm

171 mm

195.11 mm

2.9 kg

10/2014