



INTRODUCING IMPEDOGRAPH DUO

A quick tour of new features

ImpedoGraph Duo

- Fully integrated SMART Grid Measurement platform
 - SCADA Transducer (IEC61850)
 - Billing(IEC62053-22/23)
 - Power Quality (IEC61000-4-30)
 - Disturbance Recorder
- Two instruments in one.
- Built-in GPS to measure absolute time
 - 1 μ s accuracy when locked
- Large storage capacity (gigs)
- High resolution full colour LCD
 - multi-touch screen interface
 - Audio IO



Firm Supplies (2 x TX's)

Generator or UPS Supplies

Black Boxes (FACTS Devices)

Transformer Condition Monitoring

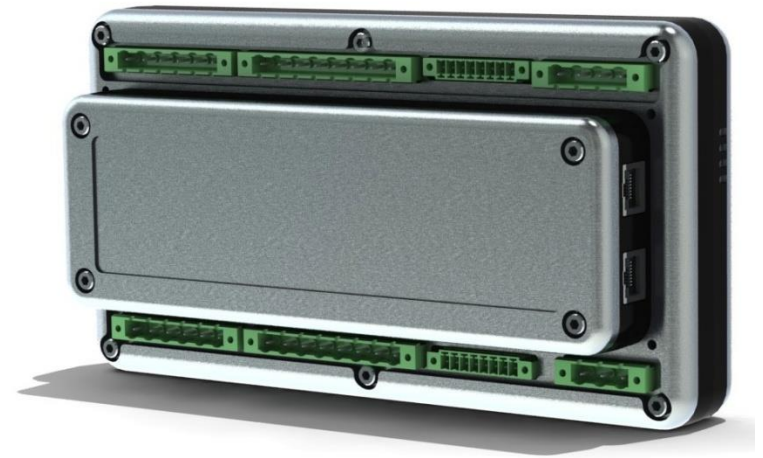
Measurement Inputs

- 4 x Differential Voltage Inputs
- 4 x 5A Galvanically Isolated Current Sensors
- 4 x Differential Current Transducer inputs



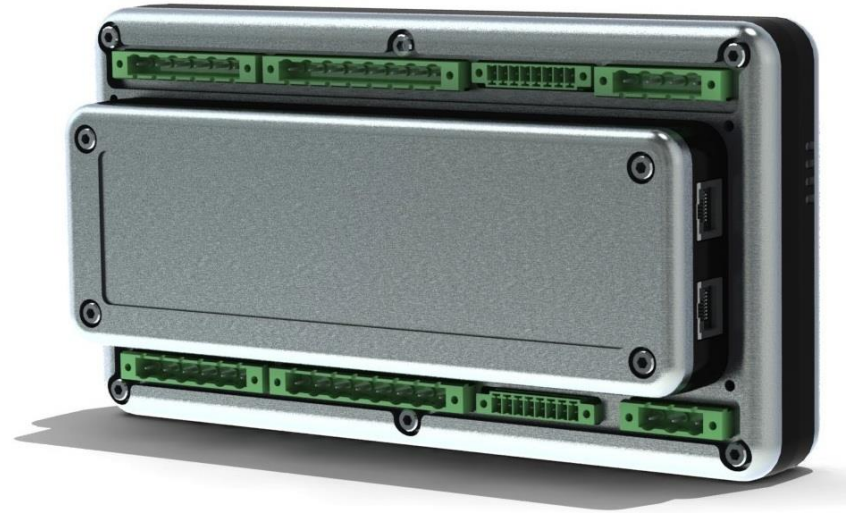
Communication

- 2 x Gigabit Ethernet ports
- All communication are encrypted and secure
- 2 x USB ports is only used to interface external peripherals
 - WiFi Modules
 - GPRS Modem
 - Mass Storage
 - External Digital I/O modules



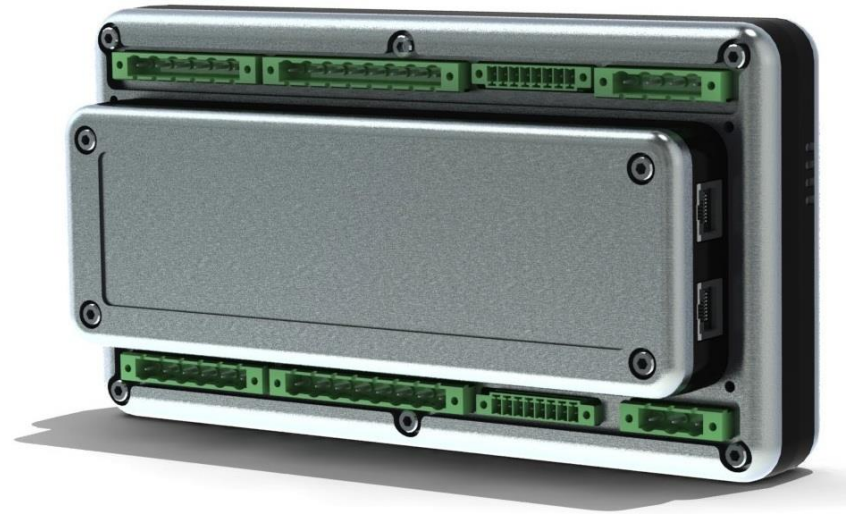
Power Supplies

- 25W Max Power Consumption
- 90-300V_{RMS} PF-Corrected Universal PSU
- IEEE802.3 Compliant Power over Ethernet on both Gigabit Ethernet Ports



Measurement Capabilities

- 500kHz Sampling Rate
- Records more than 9,000 parameters simultaneously!
- Data stored in On-Board SQL database
- Records both trended and Event data with pre-and post information
- ®CrossTrigger
- ®SnapShot



||| Thank You!

