



PM31 3 Phase Digital Power Meter

Eensors Power and Energy monitors



Description

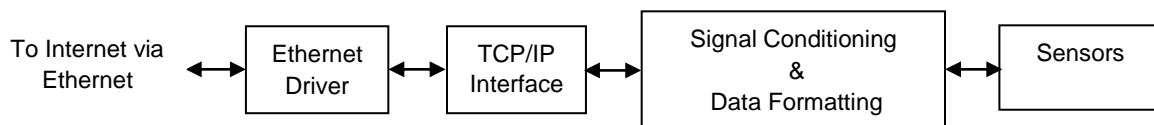
The 3 phase Digital Power Meter, PM31 from the Eensors Digital Power and Energy Monitor series provides a highly accurate, cost effective solution for advanced Poly phase energy monitoring applications. With integrated wired LAN options, PM31 transmits the Power Quality and energy data through the Ethernet using a built-in TCP/IP Stack. Data is measured continuously and can be viewed using the built-in web interface. Data can also be polled using network monitoring software (e.g. PRTG) that may be configured with preset thresholds to setup email alerts.

Technical Specs

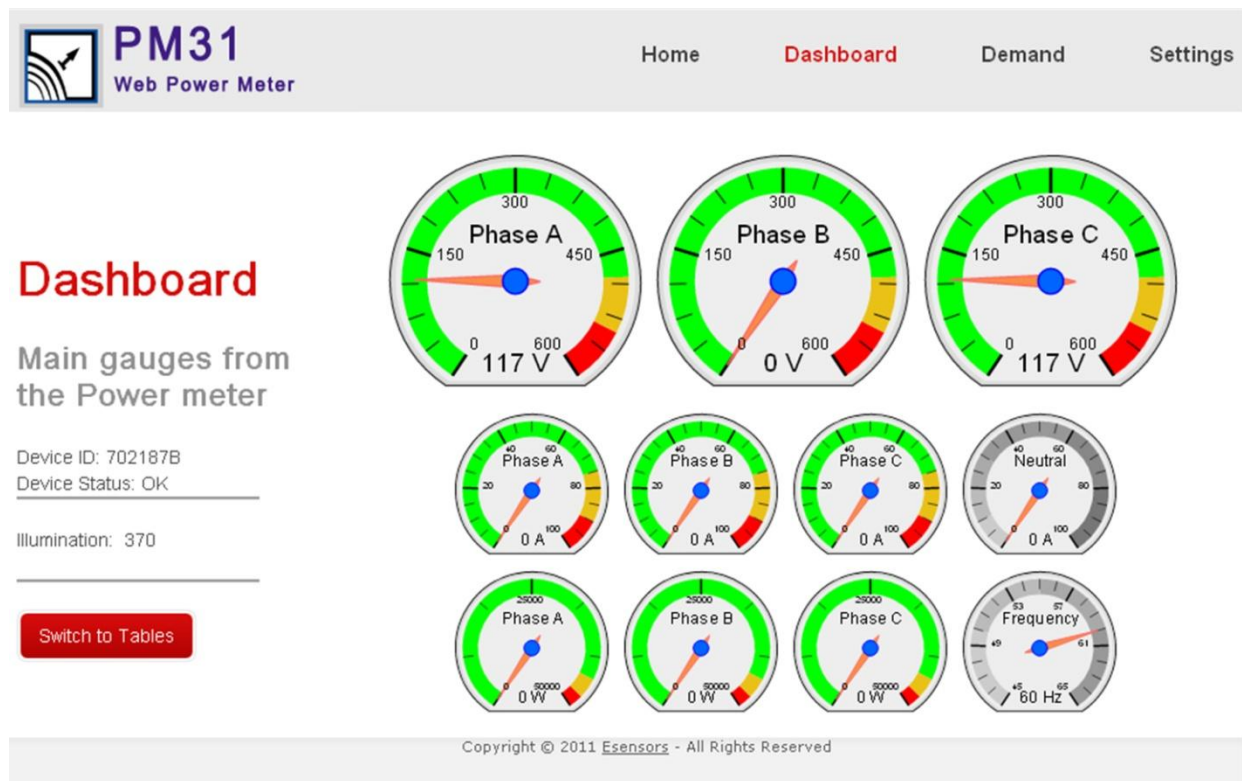
- Voltage: 85 - 480 V
- Current: 0 - 75 A (Higher ratings available with CTs)
- Power Factor: -1.0 - 1.0
- True Power: +/- 2 GWatts
- Apparent Power: 0 - 2 GVAR
- Reactive Power: -2 - 2 GVAR
- Harmonic Power: 0 - 2 GWatts
- Energy: -2 - 2 GWhr
- Energy Data linearity*: +/-0.2% of reading over 1000:1 dynamic range
- Temperature readout (Fahrenheit or Celsius scale)
- Built-in Web interface
- Compatible with any 10/100 Mbps network
- Standard XML /HTTP data outputs
- Supports TCP/IP, DHCP, ICMP, NetBIOS protocols
- Remote monitoring via Internet
- Open Source Plug-ins in C language
- Works with PRTG, Multi Router Traffic Grapher monitor and other software

* After calibration

PM31 Block Diagram



PM31 Web Interface screenshot



Key features:

- Data display in gauges and tables.
- Measures Voltage, Current, Power, harmonics, Phase angles, Power factor, Frequency and more.
- Demand display graph with user selectable monitoring intervals.
- Built in Energy trip meter to monitor energy for short periods.
- Battery backed real time clock.
- Optional sensor packages.