InSight™ Power Meter and Alarm Monitor





Key Features

- Voltage and current Waveform Sampling
- Overvoltage and Overcurrent detection
- Power Quality Monitoring
- Embedded AC Waveform Viewer that lets you view a captured waveform
- Capacitor Bank monitoring
- 3 voltage and 3 current channels plus 4 temperature inputs available
- Web based software included.
- Any assignable output may be used to trigger an external alarm
- Standard Ethernet connection for easy network integration

Stay in touch with your equipment

InSight™ is a highly accurate, power meter and alarm system designed to continuously monitor Mirus products such as the Lineator Harmonic Filter, Onics Power Distribution units and any Ulltra or Harmony transformer.

The monitoring system enhances the capability by examining its performance, gathering and processing information from it's voltage, current, and temperature sensors, and controlling the operation of your system via the fully programmable I/O contacts.

Condition Based Maintenance Tool

When InSight™ is integrated into your system it provides essential health and performance information to the operator to let them know whether the equipment is operating with safe limits. For instance an Adjustable Speed Drive system equipped with a Lineator Harmonic Filter may encounter power quality issues or other conditions that may affect the normal operation of the equipment. Having the InSight™ installed will provide advance notification of the filter's condition so that proactive action can be taken, if necessary..

Local or Remote Access

Connectivity is key to maintaining a reliable system. This is why Mirus designed InSight™ as a web-based monitoring system allowing easy access via any web browser or by adding a touchscreen display at the equipment.

MIRUS International Inc.

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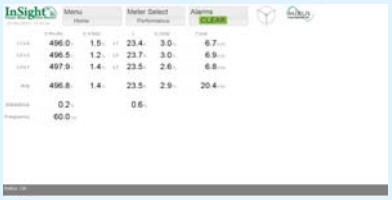
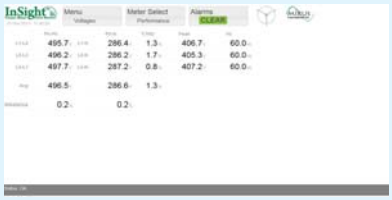


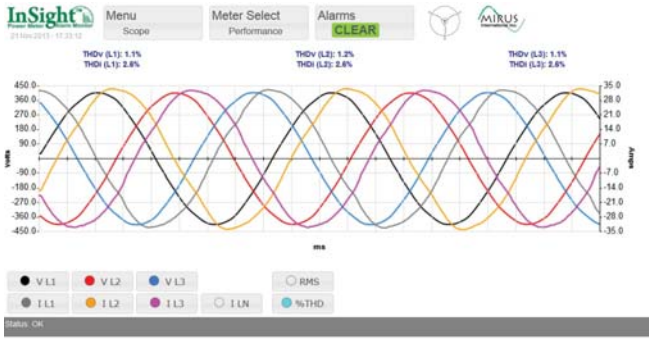


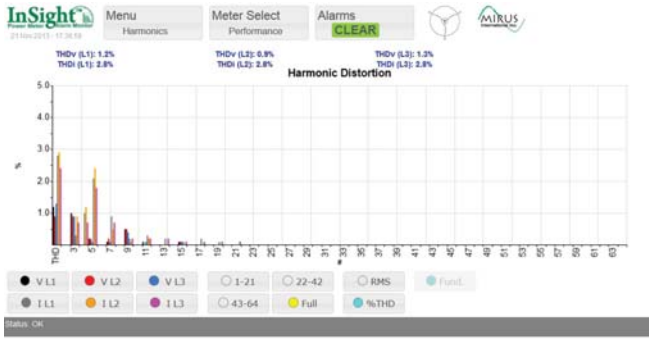
Real-time Metering

- Voltages
- Currents
- Power
- Energy, Load %
- Harmonics
- Waveforms
- Min/Max voltages and currents
- Phasors
- Temperature
- Capacitor Bank Monitor

Alarms

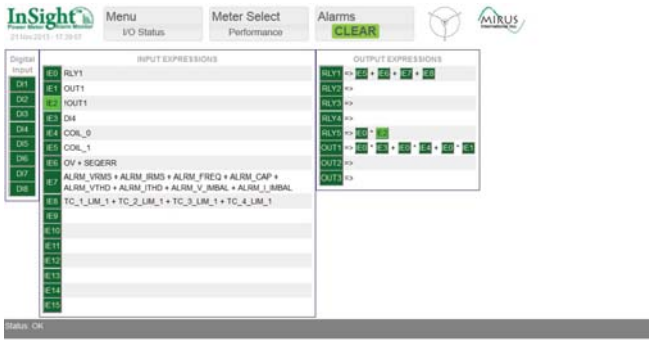
- Over temperature
- Overvoltage
- Undervoltage
- Over current / Overload
- Imbalance threshold
- High voltage distortion
- High current distortion
- Low Capacitance





Programmable I/O

- 8 Digital Inputs available for external control functions
- 5 Output Relays (form C contacts 5A/250V max)



Communication

- Ethernet communications

Display

- Optional local LCD touchscreen display
- Embedded web server to provide user status information through a standard web browser on any PC or mobile device

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INST-PS01-A1
Effective: November 2013