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

Capacitors Bank monitoring

3-channel Current Monitoring and Temperature Monitoring available

No special software required, uses standard web browser interface

No load detection

Time stamping of trigger events enables easy correlation to equipment issues

Any assignable output may be used to trigger an alarm

Standard Ethernet 10Base-T 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.
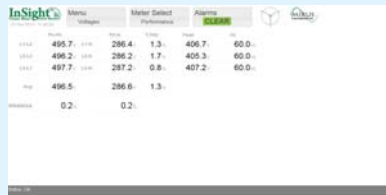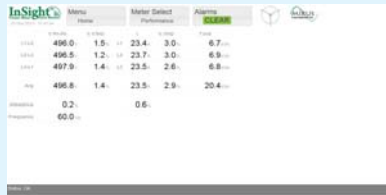
Proactive Diagnostic Tool

When Insight™ is integrated in your system it provides essential information to the operator to let them know whether the equipment is operating within the 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 notifications allow you to take necessary action.

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.

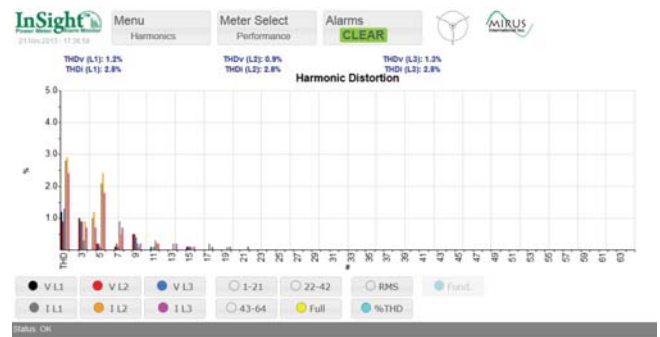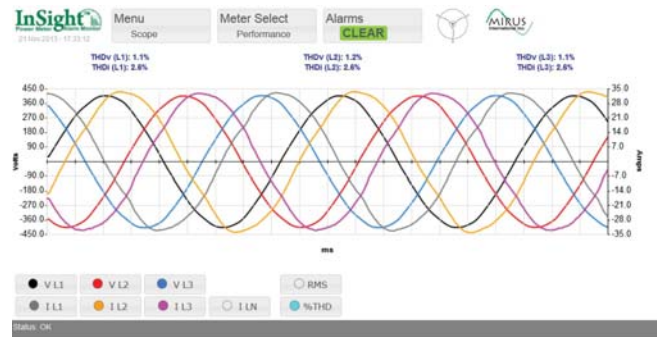# InSight™ Power Meter and Alarm Monitor

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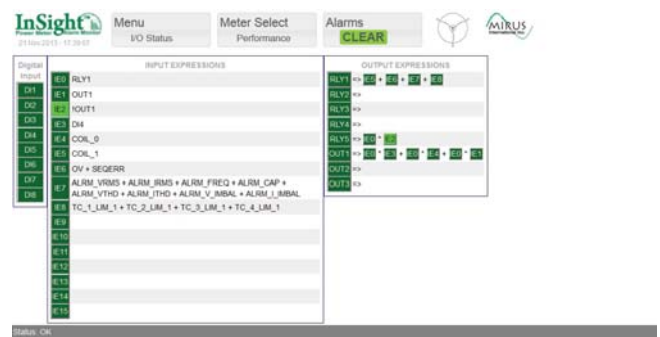- Phasors
- Temperature
- Capacitor Bank Monitor

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