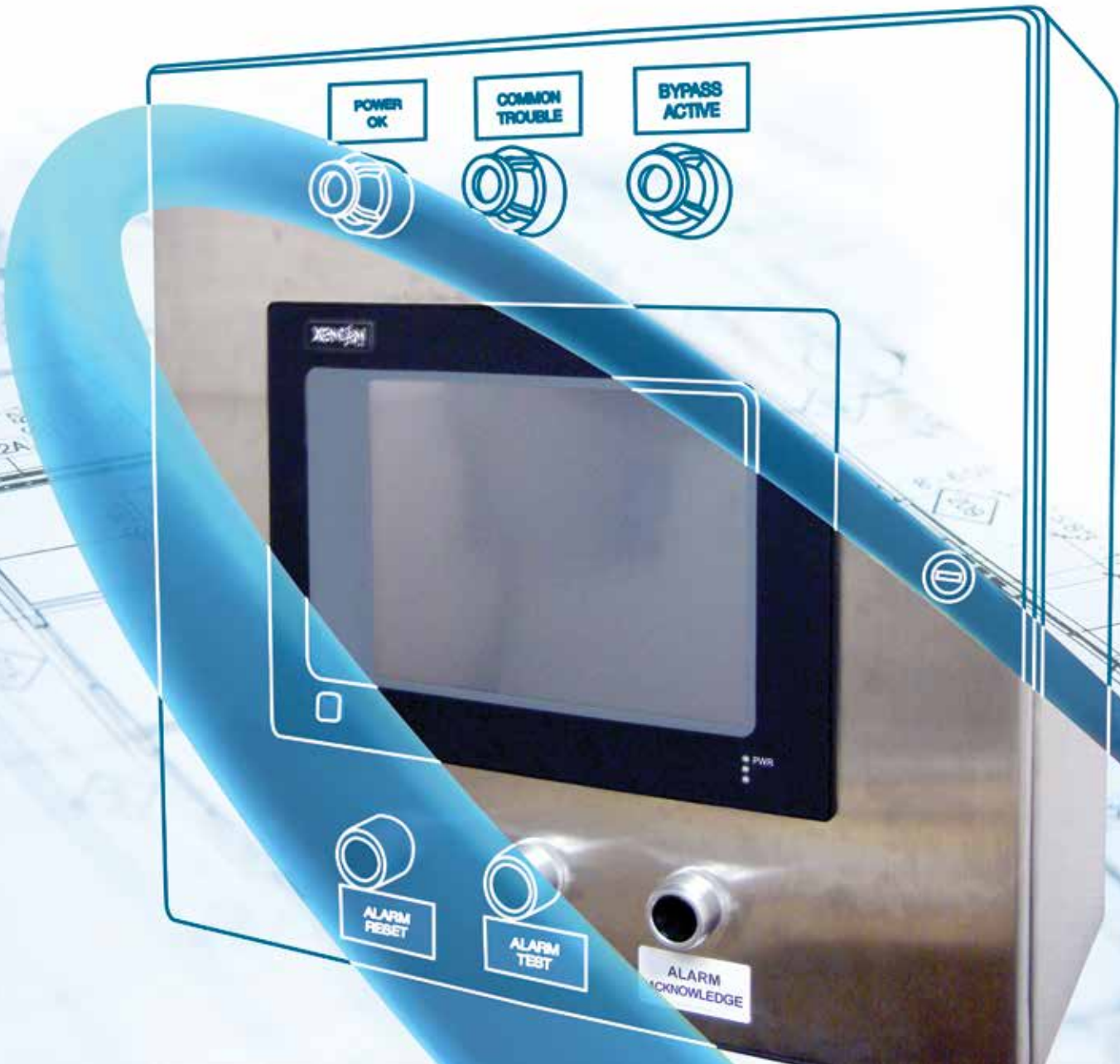


Safety Controller

Xenon's Safety System sets the standard for universal compatibility and flexibility for equipment and safety monitoring solutions. With an intuitive touch screen interface for easy programming and monitoring, Xenon's Safety Controller merges form and function. Expandable up to 128 sensors, the Xenon Safety controller is ideal for new installations or as a retrofit into existing infrastructure.



Our People, Your Solution

Xenon, Inc. is a full-service engineering, integration, and field service solutions provider for your Process and Environmental Analytics, Industrial Instrumentation & Automation, and Electrical System needs.

SAFETY CONTROLLER

FEATURES

- Fully configurable from the 10" touch screen interface
- Remote accessibility via built-in web interface
- Local system configuration backup via USB drive for quick recovery in the event of equipment failure or for multiple system installation
- On-board memory card for data storage / historization
- Integrated alarm horn and lights
- Individual sensor configuration for ranges and alarming (high/low/time delay)
- Customizable sensor and alarm groups
- Link relay outputs to sensor or common trouble alarms
- Individual sensor bypass for online testing
- Wireless option available for remote monitoring (4G or Ethernet)

TYPICAL APPLICATIONS

- Process analyzer shelter monitoring
- CEMS Shelter safety
- Process unit safety monitoring
- Hazardous gas monitoring
- Equipment health monitoring



Non-hazardous Location Monitoring



Hazardous Location System

TECHNICAL SPECIFICATIONS

Display:

- 800x600 resolution with backlight
- Touchscreen interface for monitoring and configuration

Input Power:

- 24VDC, 85-264 VAC, 90-350VDC

Output Power:

- 12-48VDC, selectable

Enclosure Options:

- 19" rack mount
- NEMA 4X, NEMA 12
- Stainless steel, Fiberglass, Mild Steel

Communications Protocols:

- MODBUS TCP
- MODBUS RTU (RS-232/485)
- Profibus
- OPC
- Ethernet/IP

Inputs:

- MODBUS RTU
- 4-20mA DC Analog
- Bridge Sensor Inputs

Certifications:

- Class I, Div II Grp BCD (Hazardous Location Model)
- Class I Div I, with Purge

Outputs:

- 5A DC/AC Relay (Fail safe/non-failsafe, Latching/non-latching)
- Up to 12 digital outputs
- Up to 8 Digital Outputs, 4 Relay Outputs
- Up to 4 analog outputs to mirror sensor inputs

Operating Temperature:

- -20C to +45C

Options:

- External light / horn
- Z or Y Purge (Div I)
- 4G/Ethernet Wireless

XENON INC. HEADQUARTERS

2146 Michelson Drive, Suite B, Irvine, CA 92612
P: 866.571.8595 • F: 866-281-3044 • www.xenoninc.com

XENON INC. GULF OPERATIONS

One Riverway, Suite 1700 Houston, TX 77056

Process and Environmental Analytic Services Inquiries:

analytics@xenoninc.com

Instrumentation, Automation, and Electrical

Engineering Services Inquiries: controls@xenoninc.com

Product Inquiries: products@xenoninc.com

National Field Service Partner:

Triad Control Systems

West Coast Sales & Service Preferred Systems Integrator:

ABB, Phoenix Contact, Triconex, Invensys Wonderware