

Sensoray Highlights Model 2600 Series Industrial I/O via Ethernet

Low-cost, DIN rail mountable I/O system enables remote monitoring and control

Tigard, OR - [Sensoray](http://www.sensoray.com) announces the Model 2600 series, a low-cost DIN rail mountable, modular input/output (I/O) measurement and control system ideal for machine control, industrial process control, building automation, and remote data acquisition applications. The highly expandable Model 2600 Series connects a virtually limitless number of I/O points to the Ethernet, enabling a remote computer to monitor and control the I/O system over a local area network (LAN). Unlike I/O systems based on ever-evolving expansion bus standards, the Ethernet-based Model 2600 is immune to obsolescence, providing industrial users with a guaranteed longer life span.

The Model 2600 locates I/O interfaces near the I/O device, reducing wiring complexity and cost. This proximity also provides performance benefits, including increasing the accuracy of temperature sensors. A single cable connects a computer to the entire I/O system, eliminating thick unwieldy bundles of wires usually associated with remote monitoring and control. The low cost DIN rail mountable open-frame modules are designed to quickly snap onto standard 35-mm DIN rails, simplifying installation and lowering installation costs. Field wiring can be connected directly to I/O boards, removing the need for external termination boards and reducing both material and assembly costs.

At the heart of every 2600 system is a Model 2601 communication module, which distributes power, interlock signals, and communications to as many as sixteen I/O modules. The communication module also includes four RS-232/422/485 COM ports for communicating with serial devices, including barcode scanners.

A basic system is made from a communication module, a power supply, and an Ethernet connection. When fully expanded, one communication module can provide access to hundreds of I/O points. More complex systems can be created by connecting two or more modules to a LAN through an Ethernet switch, with up to sixteen additional I/O modules for each communication module.

The Model 2600 Series includes a variety of I/O module types, including analog I/O, digital I/O, counter, mechanical relay rack, and solid state relay rack. Any combination of I/O modules may be connected to the communication module. Each model uses point-of-load (POL) power supplies and optically-isolated communication circuits to avoid problematic ground loops.

For more information, go to <http://www.sensoray.com/2600>

ABOUT Sensoray

Sensoray is an industry-leading designer and manufacturer of OEM electronics for video imaging, data acquisition and machine control. The company is committed to clarity, efficiency and functionality in all of their designs, and to consistently providing customers with the highest quality solutions.

Sensoray offers drivers for Windows or Linux and live technical support, ensuring that customers' development projects are fast and easy. For more information, or to contact an engineer regarding a custom design, visit www.sensoray.com or email support@sensoray.com.