

SCADA Guardian 848

Maximize Analog Coverage in your DNP3 or SNMP SCADA Network



Benefits of the SCADA-Guardian

- Report alarms via DNP3 or SNMP
- Monitor up to 24 analog inputs
 - 16 through 4 “D-Wire” sensor inputs - easily terminate and daisy-chain sensors up to 600 feet from the SCADA Guardian
 - 8 through 50-pin rear amphenol
- Includes an internal temperature sensor to monitor ambient temperature
- Includes 8 discrete inputs and 8 control relays
- Includes a serial port for reach-through access to serial-only equipment
- Receive 24/7 email notifications for discrete and threshold alarms
- Telco-grade casing for enhanced durability
- Built-in HTTPS web interface to monitor securely from any PC on the network

Overview

The SCADA Guardian is an RTU designed with process monitoring and control in mind. It comes equipped with 24 analog inputs, so you can monitor temperature, flow, pressure, and any other variables you need to monitor to track and remotely control your SCADA network.

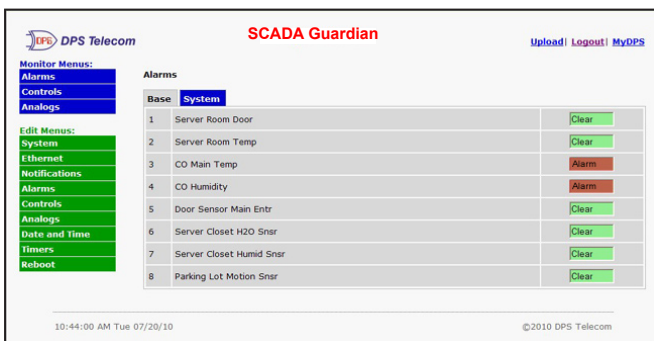
Of these analog inputs, 16 are based on DPS Telecom’s convenient D-Wire technology, for easy setup. D-Wire sensors connect to the SCADA Guardian via simple RJ-11 connectors, running power and communication lines on the same transport. You can connect D-Wire sensors to any of the four inputs on the SCADA Guardian in any order. You can even daisy-chain your D-Wire analog sensors together to monitor and monitor conditions up to 800 feet from the RTU.

The SCADA Guardian is designed to integrate perfectly with your existing DNP3 or SNMP SCADA network. DNP3 and SNMP reporting options ensure you won’t have to employ a mediation device to integrate the RTU you want with the SCADA system you have.

The unit also comes equipped with 8 discrete inputs, 8 control relays, and a serial port for reach-through access over LAN to your serial-only equipment.

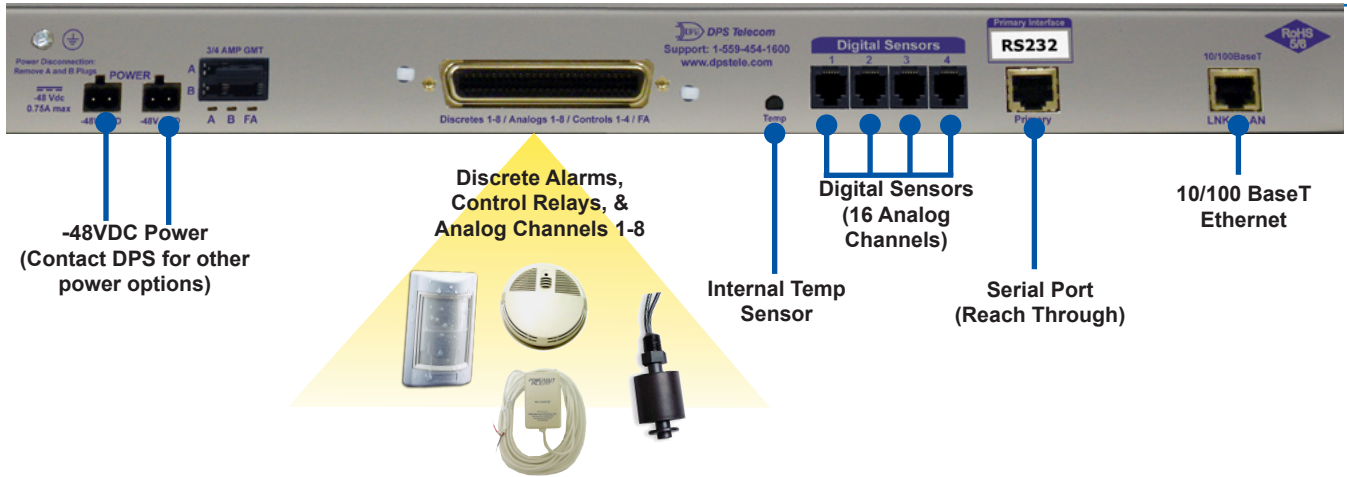
With the built-in web interface, you can log on to the SCADA Guardian from anywhere on the network to view monitoring data, configure alarm thresholds, or set derived controls to operate your relays based on the status of alarms. Being able to get more done from your network PC prevents you from making troublesome and costly trips to your sites.

The SCADA Guardian can also report alarm conditions via email, so you can stay up to date on your SCADA systems, wherever you are.

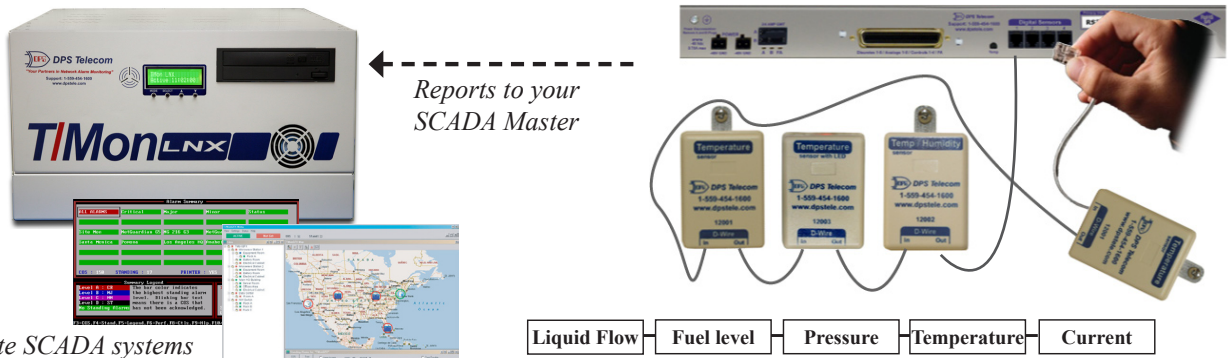


Fast, new web interface for the SCADA Guardian

Back Panel View



D-Wire Sensors & Alarm Reporting



Automate SCADA systems with derived controls from your SCADA Master

The SCADA Guardian's D-Wire sensors are powered by the RTU directly. You can easily chain sensors together via the RJ-11 "In" and "Out" jacks on each sensor, stretching sensors in any configuration up to 600 feet from the SCADA Guardian. DPS has sensors available to monitor every variable in your

Easily install, configure, and analog D-wire sensors, in any configuration

SCADA network. You can also set thresholds and derive controls from your SCADA Guardian (or via your SCADA Master) to control your process based on threshold alarms measured by your sensors, automating network control and reducing your involvement in day-to-day operations.

Specifications

Discrete Alarms	8	Protocols	DNP3 or SNMP (v1, v2c), HTTP, HTTPS, Telnet, Email
Analog Inputs	25 (8 standard, 1 internal temp sensor, 16 via 4 D-wire sensor inputs)	Dimensions	17" W x 6.6" D x 1.7" H
Control Relays	4	Mounting	19" or 23" rack, wall mount
Interfaces	1 USB Craft port 4 RJ11 digital sensor inputs 1 RJ45 Ethernet port 1 serial port (RS-232, RS-485, 202, or RJ-11)	Power Input	-48VDC (Contact DPS for additional power options)
		Fuses	1/2 Amp GMT (2x)
		Operating Temp.	32° to 140° F (0° to 60° C)
		Operating Humidity	0% to 95% non-condensing
		RoHS	5 of 6

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All DPS Telecom products are made in Fresno, California and backed by our 30-Day, No-Risk Guarantee: "If you buy our equipment and are not satisfied for any reason during the first 30 days, simply return it for a full refund."

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