

WATCHDOG SCOUT XP™

Most reliable rectifier monitor with interruption



EXPANDED CAPABILITIES TRUSTED WATCHDOG RELIABILITY






The Watchdog Scout XP™ is the most reliable solution for rectifier monitoring and GPS synchronized current interruption. Rigorously tested and field-proven to withstand voltage surges up to 4000V at 3500A. The Watchdog Scout XP thrives in the harshest environments - and can perform in regions with high lightning activities. Available in a variety of configurations, the Watchdog Scout XP is simple to install, programmable on-site or over the web, and sets the industry standard for remote monitoring of CP systems.

KEY FEATURES:

- + Instant visibility to field asset status and automatic compliance report generation.
- + Surge protection tested (conducted voltage test per IEC 61000-4-5 specifications)
- + Flexible communications including 2-way cellular, satellite and optional Modbus/SCADA
- + AC power failure detection
- + Programmable over the air or on-site using the front panel LCD interface
- + 24/7 data access and interruption control from any web enabled device using the powerful Elecsys Connect™ web interface



APPLICATIONS

 <p>Additional analog channels to monitor up to 4 pipeline current measurements</p>	 <p>24/7/365 continuous CP rectifier monitoring</p>	 <p>Individual site, group, or system-wide GPS synchronized current interruption control</p>	 <p>Pulse-counter/accumulator for meter-reading applications</p>	 <p>Digital, dry-contact status "tamper alarm" monitoring</p>	<h3>MAJOR MARKETS</h3> <ul style="list-style-type: none"> + Oil + Gas + Water + Electrical
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REMOTE RECTIFIER MONITORING WITH INTERRUPTION

Watchdog Scout XP™ has more useful features than any rectifier monitor system on the market. This means more benefits for your cathodic protection program.

WATCHDOG SCOUT XP BENEFITS:

- + Additional analog channels enable monitoring multiple voltage potential and current measurements
- + Programmable over the web or locally using the onboard LCD display and navigation buttons
- + "Fail-safe" dual relay current interruption capability
- + Advanced, self-testing circuitry automatically verifies the channel calibration to a known, stable voltage with every reading
- + Reliable in very harsh settings (i.e. high voltage electrical and lightning surges)

THE WATCHDOG SCOUT XP IS NOW THE MOST ADVANCED AND RELIABLE SOLUTION FOR RECTIFIER MONITORING.



POWERED BY

ELECSYS+CONNECT™

Web and mobile data access

Elecsys Connect gives you access to all your remote monitoring units (RMUs) in one easy-to-use application. Viewable on a smart phone, tablet, or computer - anywhere you have web access - see what's happening with rectifiers, lift stations, test points and transducers in the field.

PRODUCT SPECIFICATIONS

Communications	<ul style="list-style-type: none"> + Digital cellular + IDP Satellite + Modbus
Operating Environment	<ul style="list-style-type: none"> + Temperature: -30°C to +70°C (-20°C to +70°C in battery backup power mode) + Humidity: 0-95% non-condensing + Enclosure rating: NEMA 4X polycarbonate
Power	<ul style="list-style-type: none"> + 10-30VDC or 12-25VAC (110-240VAC step-down transformer included) + Rechargeable backup battery for alarm notification of power failure + Power consumption: 7.2W @15V typical, 22.7W @15V transmitting and interrupting
Enclosure	<ul style="list-style-type: none"> + 10" (25.4 cm) x 8" (20.32 cm) x 4" (10.2 cm) standard enclosure, or 14" (35.5 cm) x 12" (30.5 cm) x 6" (15.2 cm) integrated components enclosure
Outputs	<ul style="list-style-type: none"> + 2 relay control outputs
Inputs	<ul style="list-style-type: none"> + 6 analog measurement channels + 2 digital dry-contact/pulse accumulator channels + 1 AC detection probe input
Interrupter Module	<ul style="list-style-type: none"> + GPS synchronized + Syncs with any GPS equipped interrupters + Relay system (rated to up to 100 Amps max switching load; solid state relay derated to 40 Amps for integrated enclosures) + Optional "Mercury free" solid state DC with mechanical bypass dual relay system
Measurement Accuracy	<ul style="list-style-type: none"> + Rectifier voltage accuracy 1% (+/-2.0V) + Rectifier current accuracy 1% (+/-1mV) + Potential accuracy 1% (+/-100mV)