

## HMI & Panel Meters

### HMI OPERATOR PANELS

Red Lion Graphite®, CR3000, CR1000

- > Touchscreen models from 4" to 15" available
- > Built-in web server allows remote monitoring and control
- > Supports over 300 communication protocols
- > Logs data directly to CSV file
- > IEC 61131 control capabilities with optional I/O module
- > Data logs accessible via FTP or Microsoft® SQL Server™
- > Send alarms or logged files via email or text



### PANEL METERS

Red Lion PAX®2, PAX, CUB5, PAX Lite

- > Wide range of models, sizes and capabilities
- > Display count, rate, time, voltage, current, process, strain gage and temperature
- > Field-upgradeable models available
- > Field-installable option cards for easy upgrades include setpoints, retransmitted analog and communication



### VISUAL MANAGEMENT

Red Lion ProductVity Station

- > Transform any TV into a graphical KPI, OEE and Andon plant floor display in minutes
- > Supports over 300 communication protocols
- > Remote email/text alerts
- > Data logging
- > Web server



### LARGE LED DISPLAYS

Red Lion LD2, LD4, LPAX, EPAX

- > Analog, digital and serial inputs
- > Digital and analog outputs
- > Communications capability
- > 1.5", 2.25" and 4" models available



## Sensors & Process Control

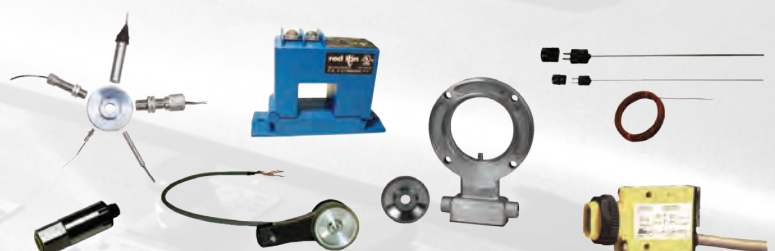
### SIGNAL CONDITIONERS

- > Frequency, process and temperature inputs
- > Setpoint control capability
- > Easy to configure and deploy



### SENSORS

- > Analog sensors include current, temperature and pressure transducers
- > Digital encoders include shaft-mount encoders and thru-bore encoders
- > Digital sensors include length, photo electric, proximity, magnetic, sensing gears and motor mounts



industrial  
automation

# Controllers & Data Acquisition

## INDUSTRIAL CONTROLLERS

*Red Lion Graphite Core and Edge Controllers*

- > Combines IEC 61131 control capabilities with networking and data visualization
- > Use industry-standard IEC 61131 programming languages such as Ladder Logic, Function Block, Structured Text and Instruction List
- > Choose from a mix of I/O, PID control or communications modules to populate local module slots
- > Easy single-solution configuration eliminates need for third-party software
- > Web server allows remote monitoring and control
- > Rugged environmental specifications



## PID CONTROLLERS

*Red Lion Graphite, DLC, Modular Controller, PAX2C, PXU*

- > Panel mount and DIN rail models available
- > Auto tuning of PID settings
- > Advanced control algorithm for limiting overshoot
- > Ramp Soak capabilities
- > Relay, SSR Drive and Triac outputs
- > Some models support over 300 communication protocols
- > HMI with plug-in PID modules for system visualization



## I/O MODULES

*E3 I/O™, EtherTRAK®-2 I/O*

- > Powerful easy-to-use I/O modules for controlling and monitoring remote sites
- > Rugged environmental ratings
- > Open protocols enable advanced communication



## DATA ACQUISITION

*Red Lion Modular Controller, Data Station Plus*

- > Modular data acquisition and I/O system for PCs, DCS or PLC control systems
- > Three serial and one Ethernet port standard with expansion options
- > Virtual HMI for remote access
- > Supports over 300 communication protocols
- > Data log directly to CompactFlash®
- > Send alarms or logged files via email or text



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As the global experts in communication, monitoring and control for industrial automation and networking, Red Lion has been delivering innovative solutions for over forty years. Our automation, Ethernet and cellular M2M technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, N-Tron and Sixnet. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. Red Lion is part of Spectris plc, the productivity-enhancing instrumentation and controls company. For more information, please visit [www.redlion.net](http://www.redlion.net).

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