



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## ▶▶▶ Ethernet I/O Gateway

### PRODUCT HIGHLIGHTS

- Redundant ethernet ports
- Two unique IP Addresses for redundant networking
- Provides backup communication path
- Flexible I/O expansion
- Interface to thousands of I/O
- Choose from over 20 SixTRAK I/O modules
- Also polls EtherTRAK I/O modules
- Powerful communications
- Supports open Modbus/TCP, ASCII and RTU
- Easy to use configuration software
- Configure with flexible Sixnet tools
- Absolutely no programming required

### PERFORMANCE SPECIFICATIONS

- Redundant Ethernet I/O Gateway
- 2,048 each of analog, floats, & longs
- 8,000 each of discrete inputs & outputs

### SixTRAK I/O PORT (ST-BUS)

- Up to 20 modules (any mix)
- Up to 640 SixTRAK I/O channels
- SixTRAK I/O specs. - see individual datasheets
- ST-BUS specs. - see user manual for details

### REDUNDANT ETHERNET

- 2 ports with independent IP addresses
- Ethernet port (1) RJ45, 10/100BaseTx auto-detect
- Ethernet port (2) RJ45, 10BaseT at Mbps
- Auto-mdi/mdix crossover
- Isolation - 1500 Vrms 1 minute
- Protocols - Modbus and Sixnet TCP or UDP

### SERIAL PORT

- RS232 (with RJ45 interface)
- Speed up to 38,400 baud
- Signals (TD, RD, CTS, RTS, DTR, GND)
- Flow control - hard, soft and half/full-duplex modem
- Protocols - Modbus RTU, Modbus ASCII, Sixnet
- Modes - master, slave and passthru



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### ENVIRONMENTAL

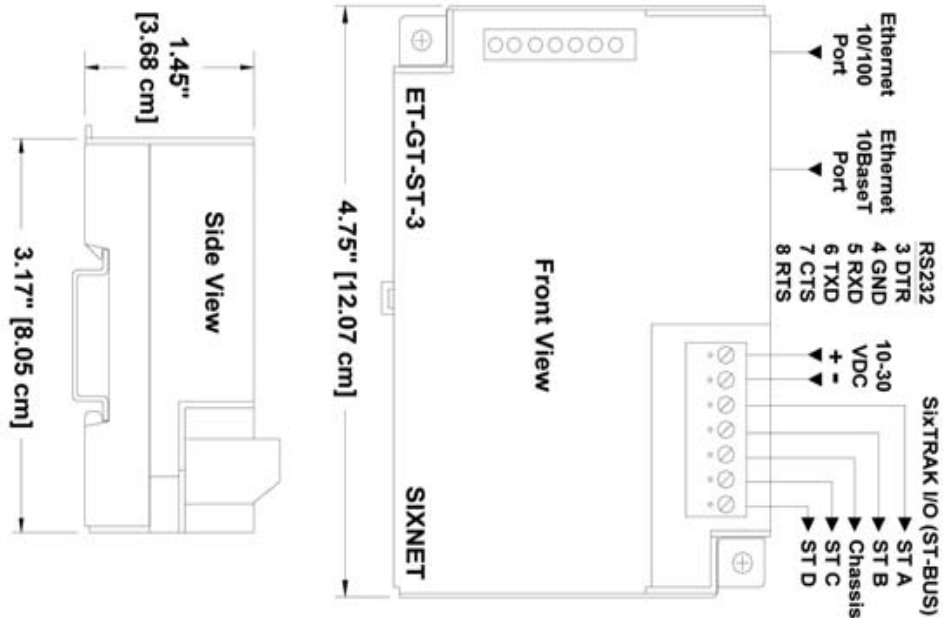
- DIN Rail or flat panel mount
- Input voltage 10-30 VDC (18-30 VDC when used with certain SixTRAK I/O modules)
- Input power (typical) 3 watts (less I/O modules)
- Operating temperature -40 to 70°C
- Storage temperature -40 to 85°C
- Humidity 5% to 95% RH (non-condensing)
- Electrical Safety UL 508, CSA C22.2/14; EN61010-1 (IEC1010); CE
- EMI emissions FCC part 15, ICES-003; EN55022; EN61326-1; CE
- EMC immunity EN61326-1 (EN61000-4-2,3,4,6); CE
- Vibration IEC68-2-6
- Hazardous locations (Class 1, Div 2.; Zone 2); UL 1604, CSA C22.2/213; Cenelec EN50021; EEx nA II T4 X
- Marine/offshore tested and/or verified to meet various marine and maritime standards

### ORDERING INFORMATION

**ET-GT-ST-3 Redundant Ethernet I/O Gateway**

All specifications are subject to change. Consult factory for latest info.

**MECHANICAL DRAWING**



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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 award-winning 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. For more information, please visit [www.redlion.net](http://www.redlion.net). Red Lion is a Spectris company.