

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

Sixnet Networking Series



▶▶▶ 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

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

MECHANICAL DRAWING

