INDUSTRIAL RTUS & I/O MODULES

Red Lion's Sixnet series of rugged RTUs and I/O modules provide a simple yet powerful means to reliably monitor and control remote sites around the clock in the harshest environments. Our compact automation systems can start small and grow as needs increase without requiring hardware replacement. "Best of both worlds" programming combines Windows ease of use with the futureproof security of an embedded Linux OS.

SIXNET SERIES VERSATRAK® & SIXTRAK®

- ▲ Rugged environmental ratings
- ▲ Intelligent data logging and control in one device
- ▲ Programmable control flexibility
- ▲ Works with a variety of process quality I/O modules

Model Number	Ports			On Board I/O				Memory		
	Eth	232	485	DI	DO	AI	AO	NVRAM	Flash	DRAM
ST-IPM-8460	6	3	1	-	-	-	-	8M	512M	512M
VT-MIPM-245-D	1	2	2	12	4	8	2	512K	64M	32M
VT-MIPM-135-D	1	2	1	12	8	6	-	512K	64M	32M
VT-IPM2M-113-D	1	1	1	12	4	8	-	512K	32M	32M
VT-IPM2M-213-D	1	1	1	12	4	8	2	512K	32M	32M
VT-UIPM-431-H	1	2	1	8	4	2	-	512K	16M	16M

ETHERTRAK®-2

◢ Rugged environmental ratings

◢ High-resolution I/O with a space saving design

◢ Three network modes (Ring, passthru, two-network)

◢ Industry standard protocols offer unparalleled reliability

Model Number	DI	DO	AI	AO	Description
E2-MIX24880-D	24	8	8	0	Combination I/O with one isolated input counter*
E2-MIX24882-D	24	8	8	2	Combination I/O with two analog outputs**
E2-MIX20884-D	20	8	8	4	Combination I/O with 4 analog outputs and 4 isolated input counters
E2-32D124-D	32	-	-	-	32 inputs (10-30 VDC) with counters (one isolated)
E2-16DI24-D	16	-	-	-	16 individually isolated channels, 10-30 VDC with counters
E2-16DIAC-D	16	-	-	-	16 individually isolated 120 VAC (nominal) inputs
E2-32DO24-D	-	32	-	-	High-density discrete outputs (0.5 Amp each, 8 Amp total)
E2-16DO24-D	-	16	-	-	Individually isolated 1 Amp outputs with self-resetting fuses
E2-32AI20M-D	-	-	32	-	High-density 16 bit 4-20 mA inputs with self-resetting fuses
E2-32AI10V-D	-	-	32	-	Voltage inputs
E2-16AI20V-D	-	-	16	-	16 channels 4-20 mA inputs with self-resetting fuses
E2-8AO20M-D	-	-	-	8	4-20 mA analog outputs
E2-16AI-8AO-D	-	-	16	8	16 4-20 mA analog inputs and 8 4-20 mA outputs
E2-10RTD-D	-	-	10RTD	-	RTD (100 Ohm platinum), -200 to 850°C plus
E2-16ISOTC-D	-	-	16TC	-	Instrumentation thermocouples
E2-16ISO20M-D	-	-	16	-	Isolated 4-20 mA inputs
E2-16DORLY-D	-	16	-	-	16 individually isolated discrete outputs (10-30 VDC/VAC Relay), 1 Amp outputs, 16 Amps total

24 maximum DIs are listed, 8 of which can be configured as either DI or DO. The discrete outputs are protected by self-resetting fuses.
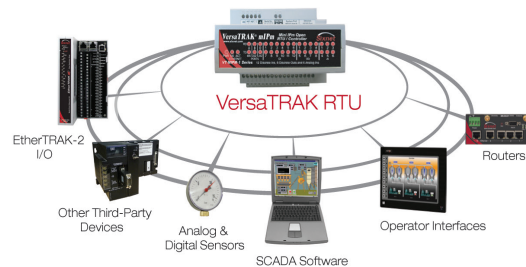

CONFIGURATION & PROGRAMMING SOFTWARE

Configure, program and maintain with familiar Windows interfaces

◢ Easy-to-use GUI provides system-wide view

◢ Configuration wizards support data logging and alarming

◢ Open programming software supports IEC61131-3 languages:

- Sequential Function Chart
- Ladder Diagram
- Structured Text
- Instruction List
- Function Block Diagram

Linux operating platform

◢ Transparent to users

◢ Flexible, open architecture

◢ Integrated Application Development Kit (IADK)

VersaTRAK RTU

EtherTRAK-2 I/O

Other Third-Party Devices

Analog & Digital Sensors

SCADA Software

Operator Interfaces

Routers

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