Industrial RTUs & I/O Modules

red lion®

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 future-proof security of an embedded Linux OS.

> Powerful easy-to-use systems
> Monitoring and control for remote sites
> Rugged environmental ratings
> Programmable control flexibility

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

PART NUMBER	PORTS			ON-BOARD I/O				MEMORY		
	ETH	232	485	DI	DO	AI	AO	NVRAM	FLASH	DRAM
ST-IPM-6350	5	2	1	-	-	-	-	2M	128M	64M
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

red lion®

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

PART NUMBER*	DI	DO	AI	AO	DESCRIPTION
E2- OR EB- MIX24880-D	24	8	8	0	Combination I/O with one isolated input counter**
E2- OR EB- MIX24882-D	24	8	8	2	Combination I/O with two analog outputs**
E2- OR EB- 32DI24-D	32	-	-	-	32 inputs (10-30VDC) with counters (one isolated)
E2- OR EB- 16DI24-D	16	-	-	-	16 individually isolated channels, 10-30 VDC with counters
E2- 16DIAC-D	16	-	-	-	16 individually isolated 120 VAC (nominal) inputs
E2- OR EB- 32DO24-D	-	32	-	-	High density discrete outputs (0.5 Amp each, 8 Amp total)
E2- OR EB- 16DO24-D	-	16	-	-	Individually isolated 1 Amp outputs with self-resetting fuses
E2- OR EB- 32AI20M-D	-	-	32	-	High density 16 bit 4-20 mA inputs with self-resetting fuses
E2- OR EB- 32AI10V-D	-	-	32	-	Voltage inputs
E2- OR EB- 16AI20M-D	-	-	16	-	16 channels 4-20 mA inputs with self-resetting fuses
E2- OR EB- 8AO20M-D	-	-	-	8	4-20 mA analog outputs
E2- OR EB- 16AI-8AO-D	-	-	16	8	16 4-20 mA analog inputs and 8 4-20 mA outputs
E2- OR EB- 10RTD-D	-	-	10RTD	-	RTD (100 Ohm platinum), -200 to 850℃ plus
E2- OR EB-16ISOTC-D	-	-	16TC	-	Instrumentation thermocouples
E2- OR EB-16ISO20M-D	-	-	16	-	Isolated 4-20 mA inputs
E2 OR EB-16DORLY-D	-	16	-	-	16 individually isolated discrete outputs (10-30VDC/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.
 * EB part number prefix is for modules that include the optional PoE feature. Standard product part numbers begin with E2.
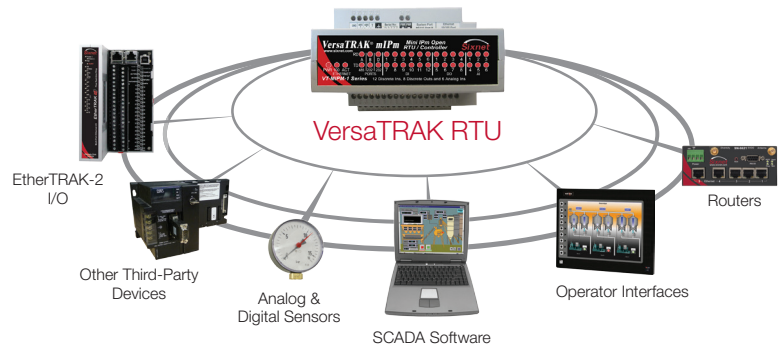
Sixnet I/O Toolkit & ISaGRAF Open

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
  - Flow Chart

Linux operating platform

> Transparent to users
> Flexible, open architecture
> Integrated Application Development Kit (IADK)
> Web server capabilities

VersaTRAK RTU

EtherTRAK-2 I/O

Other Third-Party Devices

Analog & Digital Sensors

SCADA Software

Operator Interfaces

Routers

Connect. Monitor. Control.

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