

## EtherTRAK I/O Modules

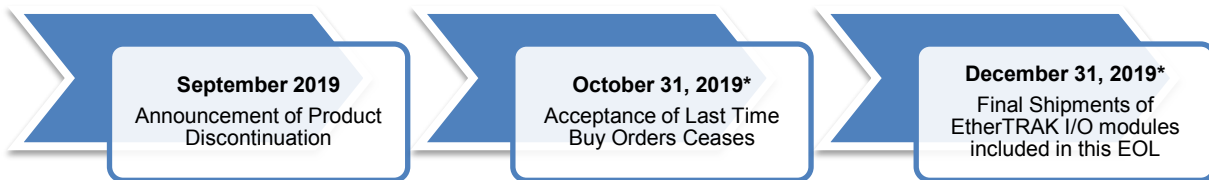
### Introduction

In 1996 Sixnet expanded its I/O modules product line by adding the EtherTRAK I/O modules. Since then Sixnet/Red Lion has released the EtherTRAK-2 and E3 I/O modules which have many of the same features as the EtherTRAK I/O modules. EtherTRAK-2 and E3 are now the preferred choice of I/O modules. We will now completely phase out the EtherTRAK I/O modules. Please review the EOL document as not all models are being discontinued at this time.

This document describes the alternatives available and provides information on how their features compare with one another.

### Timing

Red Lion Controls intends to honor the standard warranty obligation for these products when ordered and delivered in accordance with the following transition schedule:



#### September 2019

- Announcement to customers
- Red Lion begins accepting non-cancellable, non-returnable last time buy orders
- Orders may be scheduled for delivery between September 2019 and December 31, 2019

#### October 31, 2019

- General availability of EtherTRAK I/O Modules in this EOL ceases
- Acceptance of last time buy orders concludes

#### December 31, 2019

- Shipment of EtherTRAK I/O Modules in this EOL stops

\*Dates may be subject to change depending on product sales

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## Why is this announcement taking place?

Due to lack of demand the EtherTRAK modules are no longer economical to manufacture.

## What happens to my current investment in EtherTRAK I/O Modules?

Maintaining excellent compatibility for easy and cost-effective transition is an important design criterion when designing next generation products. Red Lion Controls recommends the new EtherTRAK-2 and E3 I/O modules as a designated replacement for the older models. The new models provide up-to-date technology and improved space saving packaging while still maintaining functional compatibility in most cases. It is important to review the new products as some of the updates provide some differentiation from the older models. Please see [support.redlion.net](http://support.redlion.net) for more information on how replace the models affected by this EOL.

Please see Appendix A for a detailed comparison of the two products.

## What is the complete list of EtherTRAK I/O Modules that are affected by this announcement?

Models affected by the EOL	Recommended Replacements
ET-16DI2-H	E2-32DI24-D/E3-32DI24-1
ET-16DO2-H	E2-32DO24-D/E3-32DO24-1
ET-16AI2-H	E2-32AI20M-D/E3-32AI20M-1
ET-8INS-U	E2-16ISOTC-D or E2-16ISO20M-D/ E3-16ISOTC-D or E3-16ISO20M-1
ET-8CNT-U	E2-MIX20884-D/E3-MIX20884-1
ET-8DI2-8DO2-H	E2-MIX24880-D/E3-MIX24880-1
ET-8DI2-8AI2-H	E2-MIX24880-D/E3-MIX24880-1
ET-8AI2-4AO2-H	E2-16AI-8AO-D/E3-16AI-8AO-1
ET-4RTD-4DI2-U	E2-10RTD-D and E2-16DI24-D/ E3-10RTD-1 and E3-16DI24-1
ET-MIX24880-D	E2-MIX24880-D/E3-MIX24880-1

## Appendix A

Comparison Devices



ET-16DI2-H



E2-32DI24-D



E3-32DI24-1

Discrete input module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-16DI2-H to E2-32DI24-D/E3-32DI24-1

Discrete input module		
Part Number	ET-16DI2-H	E2-32DI24-D/E3-32DI24-1
Ports	1 Ethernet, 1 RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	16	32
DI response	2ms	1ms
Counter rate	100Hz, 2KHz (Chan 1)	400Hz; 50KHz (Chan 1 and 2)
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$536	\$551/\$683



ET-16DO2-H



E2-32DO24-D



E3-32DO24-1

### Discrete output module®

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

*ET-16DO2-H to E2-32DO24-D/E3-32DO24-1*

Discrete output module		
Part Number	ET-16DO2-H	E2-32DO24-D/E3-32DO24-1
Ports	1 Ethernet, 1 RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	16	32
Output	8A	8A
Scan rate	2 ms	1 ms
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$589	\$551/\$683



ET-16AI2-H



E2-32AI20M-D



E3-32AI20M-1

## Analog Input module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-16AI2-H to E2-32AI20M-D/E3-32AI20M-1

Analog input module		
Part Number	ET-16AI2-H	E2-32AI20M-D/E3-32AI20M-1
Ports	1 Ethernet, 1 RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	16	32
accuracy	.05%	.02%
Scan rate	100 ms to 5 ms	880 ms to 1 ms
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$939	\$999/\$1196



ET-8INS-U



E2-16ISOTC-D and E2-16ISO20M-D



E3-16ISOTC-1 and E3-16ISO20M-1

## Analog input module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-8INS-U to E2-16ISOTC-D and E2-16ISO20M-D or E3-16ISOTC-1 and E3-16ISO20M-1

Analog input module			
Part Number	RM-8INS-F	E2-16ISOTC-D/E3-16ISOTC-1	E2-16ISO20M-D/E3-16ISO20M-1
Ports	1 Ethernet, RS485	2 Ethernet, 1 RS485, 1USB	2 Ethernet, 1 RS485, 1USB
# of chans	8	16	16
Accuracy and scan time	.02% and Configurable (1600ms to 400ms)	.02% and configurable (3200ms to 8ms)	.02% and configurable (2000ms to 336ms)
Input protection	Resistor shunts	Self-resetting fuse	Self-resetting fuse
Width	120.7 mm	88.77 mm/142.2 mm	88.77 mm/142.2 mm
Operating Temp	-30 to 70 °C	-40 to 75 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine	CE, UL Listed, UL Hazardous, Marine
List Price	\$1011	\$1179/\$1196	\$1179/\$1196



ET-8CNT-U



E2-MIX20884-D



E3-MIX20884-1

### Discrete input module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-8CNT-U to E2-MIX20884-D/E3-MIX20884-1

Discrete input module		
Part Number	ET-8CNT-U	E2-MIX20884-D/E3-MIX20884-1
Ports	1 Ethernet, 1 RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	8DI	20DI, 8DO, 8AI, 4AO
Counter rate	50KHz (ALL)	50KHz (Chan 1 to 4)
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$691	\$1111/\$1217



ET-8DI2-8DO2-H



E2-MIX24880-D



E3-MIX24880-1

### Combo I/O module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-8DI2-8DO2-H to E0/MIX02668/D E1/MIX02668/9

Combo I/O module		
Part Number	ET-8DI2-8DO2-H	E2-MIX24880-D/E3-MIX24880-1
Ports	1 Ethernet, RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	8DI, 8DO	24DI, 8DO, 8AI
Power	10-30 VDC	10-30 VDC
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$589	\$842/\$888





ET-8DI2-8AI2-H



E2-MIX24880-D



E3-MIX24880-1

### Combo I/O module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-8DI2-8AI2-H to E2-MIX24880-D/E3-MIX24880-1

Combo I/O module		
Part Number	ET-8DI2-8AI2-H	E2-MIX24880-D/E3-MIX24880-1
Ports	1 Ethernet, RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	8DI, 8AI	24DI, 8DO, 8AI
Power	10-30 VDC	10-30 VDC
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$702	\$842/\$888



ET-8AI2-4AO2-H



E2-16AI-8AO-D



E3-16AI8AO-1

### Combo I/O module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-8AI2-4AO2-H to E0'94AI/6AO'D«E1'94AI6AO'9

Combo I/O module		
Part Number	ET-8AI2-4AO2-H	E2-16AI-8AO-D/E3-16AI8AO-1
Ports	1 Ethernet, RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	8AI, 4AO	16AI, 8AO
Power	10-30 VDC	10-30 VDC
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$939	\$1111/\$1196



ET-4RTD-4DI2-U



E2-10RTD-D and E2-16DI24-D



E3-10RTD-1 and E3-16DI24-1

### Combo I/O module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

*ET-4RTD-4DI2-U to E2-10RTD-D and E2-16DI24-D or E3-10RTD-1 and E3-16DI24-1*

Combo I/O module			
Part Number	RM-4RTD-4DI2-U	E2-10RTD-D and E2-16DI24-D	E3-10RTD-1 and E3-16DI24-1
Ports	1 Ethernet, RS485	2 Ethernet, 1 RS485, 1USB	2 Ethernet, 1 RS485, 1USB
# of chans	4RTD, 4DI	10 RTD, 16DI	10 RTD, 16DI
Width	120.7 mm	88.77 mm/142.2 mm	88.77 mm/142.2 mm
Operating Temp	-30 to 70 °C	-40 to 75 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine	CE, UL Listed, UL Hazardous, Marine
List Price	\$1011	\$663/\$663	\$747/\$683



ET-MIX24880-D



E2-MIX24880-D



E3-MIX24880-1

### Combo I/O module

The new product while offering some significant advantages is not a direct replacement for the older model. Please use the chart below to gain an understanding of the differences.

ET-MIX24880-D to E0/MIX02668/D«E1/MIX02668/9

Combo I/O module		
Part Number	ET-MIX24880-D	E2-MIX24880-D/E3-MIX24880-1
Ports	1 Ethernet, RS485	2 Ethernet, 1 RS485, 1USB
Number of channels	24DI, 8DO, 8AI	24DI, 8DO, 8AI
Power	10-30 VDC	10-30 VDC
Width	120.7 mm	88.77 mm/142.2 mm
Operating Temperature	-30 to 70 °C	-40 to 75 °C
Agency Approvals	CE, UL Listed, UL Hazardous	CE, UL Listed, UL Hazardous, Marine
List Price	\$939	\$842/\$888