Product End of Life Notice

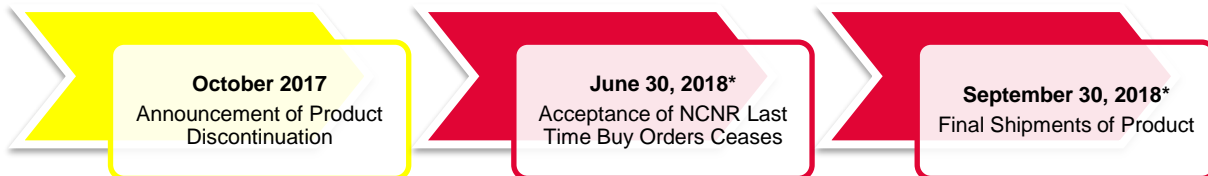G3 Kadet HMIs   Rev 10/2017

Introduction

For nearly a decade, Red Lion's G3 Kadet HMIs have served our customers who required basic HMI features. Available in both 4" and 7" display sizes, the "Kadets" became a standard for many OEMs. Unfortunately, due to circumstances beyond our control, key raw materials are no longer available to build G3 Kadets. However, with the recent introduction of Red Lion's CR1000 HMI product line, customers have an opportunity to make a smooth transition from the Kadet product line and take advantage of the CR1000's new features, in addition to maintaining the familiar capabilities our customers have come to know and trust over the years.

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

Timing

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

October 31, 2017

October 2017	June 30, 2018*	September 30, 2018*
Announcement of Product Discontinuation	Acceptance of NCNR Last Time Buy Orders Ceases	Final Shipments of Product

- Product discontinuation announcement to customers
- Red Lion begins accepting non-cancellable, non-returnable (NCNR) last time buy orders
- Orders may be scheduled for delivery between November 2017 and September 30, 2018

June 30, 2018
- General availability of G3 Kadets ceases
- Acceptance of NCNR last time buy orders concludes

September 30, 2018
- Shipments of G3 Kadets stop

*Dates may be subject to change depending on product sales

Why is this transition taking place?

Hardware used in the design of the G3 Kadet has been discontinued. Today's alternative products, the CR1000 HMIs, were designed with new features that meet or exceed those available on the G3 Kadets. The CR1000 HMI product line also offers an additional size not available with G3 Kadets, enabling customers to expand the capabilities of their products.

What happens to my current investment in G3 Kadets?

Maintaining excellent compatibility for easy and cost-effective transition is an important design criterion when designing next generation products. Red Lion's new CR1000 HMIs can be used to replace most G3 Kadet applications. Some differences are outlined in the product comparison in Appendix A.

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

Appendix A

G3 Kadet and CR1000 HMI Comparison

There are a few functional and mounting differences between the product families. Refer to the chart below for more details for both the 4" and 7" models. Additional information, including current orderable part numbers, is available on www.redlion.net.

Note that the CR1000 product line also offers a 10" model, pictured below. All CR1000 HMIs are programmed using Crimson 3.1. Crimson 3.1 can automatically convert Crimson 3.0 databases created for G3 Kadet HMIs, recommend the closest alternative, and notify users of the likely changes that will occur when migrating from one to the other. Please refer to the Crimson 3.1 manual and thoroughly review the resulting database to ensure functionality meets expectations before proceeding.

G3 Kadet HMIs   CR1000 HMIs

	G304K	CR1000-04	G307K	CR1000-07	CR1000-10
Display	480 x 272	480 x 272	800 x 480	800 x 480	800 x 600
Colors	32K	16M	32K	16M	16M
Memory	128 MB	512 MB	128 MB	512 MB	512 MB
SD Card	N/A	Program download	Program download	Program download	Program download
USB Prog. Port	N/A	Yes	N/A	Yes	Yes
Serial Ports	1 RS485 1 RS232/422/485	1 RS232 1 RS232/422/485	1 RS232 2 RS232/422/485	1 RS232 1 RS232/422/485	1 RS232 1 RS232/422/485
Ethernet Port	1 10/100 Mbps	1 10/100 Mbps	1 10/100 Mbps	1 10/100 Mbps	1 10/100 Mbps
Temperature (° C)	0 to 45	-10 to 50	0 to 45	-10 to 50	-10 to 50
Construction	Plastic	Polycarbonate	Plastic	Polycarbonate	Polycarbonate
Front Panel Rating	Type 4/IP65	NEMA 4X IP66	Type 4/IP65	NEMA 4X IP66	NEMA 4X IP66
Panel Cut-out	119 x 93 mm	119 x 93 mm	192 x 138 mm	179 x 124 mm[‡]	259 x 201 mm

[‡] There is a retrofit adapter, CRA000AD07070000, available to ensure an exact fit for an existing G307K cutout.