

Rugged Graphite HMIs



GRAPHITE HMIs	G15	G12
Display Type	15" XGA, 16M Color	12" WXGA, 16M Color (Widescreen)
Resolution	1024 x 768	1280 x 800
Sunlight Readable		
Dimensions	14.03" x 11.10" x 2.14" (356.3 x 281.8 x 54.3 mm)	12.10" x 8.20" x 2.06" (307.3 x 208.3 x 52.4 mm)
Module Slots	8	8
Serial Ports	Up to 4	Up to 4

Sleek design. Versatile plug-in modules.

Red Lion Graphite advanced operator panels are the industry's first rugged HMI touchscreens to combine a wide range of versatile plug-in modules with protocol conversion, data logging and web-based monitoring and control. With all cast-aluminum construction and hazardous approvals, Graphite HMIs support wide operating temperatures and high shock/vibration tolerances to enable you to connect, monitor and control processes regardless of environment. For outdoor applications, sunlight-readable models are available in both 7" and 10" sizes.

- Rugged cast-aluminum housing for outdoor and indoor display
- Powerful protocol conversion with support for up to 20 simultaneous conversions across 300+ industrial protocols
- Crimson Control module enables enhanced IEC 61131 logic control programming
- Real-time data logging provides historic visibility to support process improvements
- Web and FTP servers enable remote monitoring and control
- Variety of plug-in modules expand capabilities
- USB synchronization of database and log files
- Crimson 3.0 software for easy drag-and-drop programming

Learn more at www.redlion.net/HMI

HMI Ordering Guide

Graphite HMIs

MODEL NUMBER	INDOOR/ OUTDOOR	DISPLAY SIZE	DISPLAY	SERIAL PORTS	ETHERNET PORTS	USB HOST	EXPANSION	CARD SUPPORT
G07C0000	Indoor	7"	800 x 480	3 iso.	1	2	5 Module Slots	SD Card
G07S0000	Outdoor	7"	800 x 480	3 iso.	1	2	5 Module Slots	SD Card
G09C0000	Indoor	9"	800 x 480	3 iso.	1	2	6 Module Slots	SD Card
G09C1000	Indoor	9"	800 x 480	3 iso.	2	2	6 Module Slots	SD Card
G10C0000	Indoor	10"	640 x 480	3 iso.	1	2	7 Module Slots	SD Card
G10C1000	Indoor	10"	640 x 480	3 iso.	2	2	7 Module Slots	SD Card
G10R0000	Indoor	10"	800 x 600	3 iso.	1	2	7 Module Slots	SD Card
G10R1000	Indoor	10"	800 x 600	3 iso.	2	2	7 Module Slots	SD Card
G10S0000	Outdoor	10"	640 x 480	3 iso.	1	2	7 Module Slots	SD Card
G10S1000	Outdoor	10"	640 x 480	3 iso.	2	2	7 Module Slots	SD Card
G12C0000	Indoor	12"	1280 x 800	3 iso.	1	2	8 Module Slots	SD Card
G12C1100	Indoor	12"	1280 x 800	4 iso.	2	2	8 Module Slots	SD Card
G15C0000	Indoor	15"	1024 x 768	3 iso.	1	2	8 Module Slots	SD Card
G15C1100	Indoor	15"	1024 x 768	4 iso.	2	2	8 Module Slots	SD Card

G3 HMIs

MODEL NUMBER	INDOOR/ OUTDOOR	DISPLAY SIZE	DISPLAY	SERIAL PORTS	ETHERNET PORTS	USB HOST	EXPANSION	CARD SUPPORT
G303M000	Indoor	3"	128 x 64	3	1	-	1 Card Slot	CF Card
G303S000	Outdoor	3"	128 x 64	3	1	-	1 Card Slot	CF Card
G306M000	Indoor	6"	320 x 240	3	1	-	1 Card Slot	CF Card
G306A000	Indoor	6"	320 x 240	3	1	Expansion Card	1 Card Slot	CF Card
G306MS00	Outdoor	6"	320 x 240	3	1	-	1 Card Slot	CF Card
G308C100	Indoor	8"	640 x 480	3	1	-	1 Card Slot	CF Card
G308A210	Indoor	8"	640 x 480	3 iso.	1	1	1 Card Slot	CF Card
G310C210	Indoor	10"	640 x 480	3 iso.	1	1	1 Card Slot	CF Card
G310R210	Indoor	10"	800 x 600	3 iso.	1	1	1 Card Slot	CF Card
G310R230	Indoor	10"	800 x 600	3 iso.	2	1	1 Card Slot	CF Card
G310S210	Outdoor	10"	640 x 480	3 iso.	1	1	1 Card Slot	CF Card
G310S230	Outdoor	10"	640 x 480	3 iso.	2	1	1 Card Slot	CF Card
G315C210	Indoor	15"	1024 x 768	3 iso.	1	1	1 Card Slot	CF Card
G315C230	Indoor	15"	1024 x 768	3 iso.	2	1	1 Card Slot	CF Card

G3 Kadet HMIs

MODEL NUMBER	INDOOR/ OUTDOOR	DISPLAY SIZE	DISPLAY	SERIAL PORTS	ETHERNET PORTS	USB HOST	EXPANSION	CARD SUPPORT
G304K200	Indoor	4"	480 x 272	2	1	-	-	-
G307K200	Indoor	7"	800 x 480	3	1	-	-	SD Card

Graphite Expansion Rack

MODEL NUMBER	FUNCTION
GEXRACK1	Graphite Wide Expansion Rack for Modules
GEXRACK2	Graphite Standard Expansion Rack for Modules
CBLUSBM0	USB Tethering Cable, 0.5 M Metal Jacketed
CBLUSBM1	USB Tethering Cable, 1 M Metal Jacketed
CBLUSBM2	USB Tethering Cable, 2 M Metal Jacketed

See product manuals for model-specific certifications. Specifications are subject to change. Visit www.redlion.net for more information.