

- 1 Power
- 2 USB Device
- 3 10/100 Ethernet
- 4 USB Host
- 5 RS-232
- 6 RS-422/485



G10		G09	G07
10" G10R SVGA, 16M Color (High Res)	10" G10C & G10S VGA, 16M Color	9" WVGA, 16M Color (Widescreen)	7" WVGA, 16M Color (Widescreen)
800 x 600	640 x 480	800 x 480	800 x 480
G10S Models			G07S Model
10.84" x 8.57" x 2.06" (275.2 x 217.7 x 52.4 mm)		10.06" x 6.47" x 2.06" (255.6 x 154.4 x 52.4 mm)	7.70" x 5.51" x 2.00" (195.5 x 139.9 x 50.8 mm)
7		6	5
3		3	3

Specification Highlights

Graphite HMIs come standard with one 10/100Base-T(X) Ethernet port, two RS-232 and one RS-422/485 serial ports, one USB Device and two USB Host ports. Additional Ethernet and/or RS-422/485 ports are available on specific models.

- SD memory card slot for data log storage
- Extreme -20° to 60°C operating temperature range
- +24 VDC +/-20% power input
- ATEX and IECEx zone 2/22 approvals



CE Approved: EN 61326-1 Immunity to Industrial Locations; Emission CISPR 11 Class A; IEC/EN 61010-1; RoHS Compliant

ATEX Approved: II 3 G Ex ic nA IIC T4 Gc; II 3 D Ex tc IIIC T135°C Dc; DEMKO 14 ATEX 1387X; EN 60079-0, -11, -15, -31

IECEx Approved: Ex ic nA IIC T4 Gc; Ex tc IIIC T135°C Dc; IECEx UL 15.0035X; IEC 60079-0, -11, -15, -31

UL Approved: cULus Listed for Hazardous Location: File #E317425; Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III, Division 2

ABS Type Approval for Shipboard Applications

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.