





Selection Guide

Series		High Performance Series				
Size		5.7"	8.4"	10.4"	12.1"	
Appearance						
Page		30				
Display Type		Color-TFT	Color-TFT	Color-TFT	Color-TFT	
Color Depth		65,536	65,536	65,536	65,536	
Rated Power Voltage		24VDC	24VDC	24VDC	24VDC	
Resolution		640 x 480	800 x 600	800 x 600	800 x 600	
Mount Portrait or Landscape		✓	✓	✓	✓	
Brightness (cd / m ²)		800	600	700	550	
SD Card Slot		✓	✓	✓	✓	
Expansion I/O module		✓	✓	✓	✓	
Serial Ports		2 RS232, RS485,RS422)	2 (RS232, RS485,RS422)	2 (RS232, RS485,RS422)	2 (RS232, RS485,RS422)	
Ethernet Port (1 RJ-45)		Standard	Standard	Standard	Standard	
USB Ports		1 TypeA/1-miniB	1 TypeA/1-miniB	1 TypeA/1-miniB	1 TypeA/1-miniB	
Video In ¹		-	✓	✓	✓	
Audio In/Out ²		-	Audio In/Out	Audio In/Out	Audio In/Out	
Remote Control / Monitor		✓	✓	✓	✓	
Approvals		IP66,UL 508, CSA C22.2 No.142, ABS, LR, NK, DNV, Type 4X & 13 (Pending)	IP66, UL508, CSA C22.2 No.142/213, ANSI/ISA-12.12.01-2007, ABS, LR, NK, DNV, Type 4X & 13	IP66, UL508, CSA C22.2 No.142/213, ANSI/ISA-12.12.01-2007, ABS, LR, NK, DNV, Type 4X & 13	IP66,UL508, CSA C22.2 No.142, ABS, LR, NK, DNV, Type 4X & 13	
With Ethernet	Bezel Color	Light Gray Black Silver	HG2G-5FT22TF-W HG2G-5FT22TF-B HG2G-5FT22TF-S	HG3G-8JT22MF-W HG3G-8JT22MF-B -	HG3G-AJT22MF-W HG3G-AJT22MF-B -	- HG4G-CJT22MF-B -

1. Composite Video RCA connector (NTSC or PAL).
2. 3.5MM audio mini jack (stereo).

OI Touchscreens

PLCs




Automation Software

Power Supplies

Sensors

Communication

Barriers

Series		Basic Series					
Size		4.6"			5.7"		
Appearance							
Page		35					
Display Type		Monochrome			Monochrome		Color-TFT
Color Depth		2			2		256
Rated Power Voltage		24VDC			24V DC	12V DC	12 to 24 VDC
Resolution		300 x 100			320 x 240		320 x 240
Mount Portrait or Landscape		✓			-		-
Brightness (cd / m ²)		500			500		400
SD Card Slot		-			-		-
Expansion I/O module		-			-		-
Serial Ports		RS232	RS485(422)		1 (RS232, RS485,RS422)		1 (RS232, RS485,RS422)
Ethernet Port (1 RJ-45)					Optional		Optional
USB Ports							Mini B only
Video In		-			-		-
Audio In/Out							-
Remote Control / Monitor							-
Approvals		IP65, Type 13, UL508, CSA C22.2 No.213, ANSI/ISA-12.12.01-2007			IP65, UL508, CSA C22.2 No.142/213, Type 13, ANSI/ISA-12.12.01-2007 (Pending)		IP66,UL508, CSA C22.2 No.142, ANSI/ISA-12.12.01-2007 (Pending) Type 4X (Pending) & 13
With Ethernet	Bezel Color	Light Gray	-		HG2G-SB22TF-W	HG2G-SB21TF-W	HG2G-5ST22TF-W
		Black	-		HG2G-SB22TF-B	HG2G-SB21TF-B	HG2G-5ST22TF-B
		Silver	-		HG2G-SB22TF-S	-	HG2G-5ST22TF-S
Without Ethernet	Bezel Color	Light Gray	HG1F-SB22BF-W	HG1F-SB22YF-W	HG2G-SB22VF-W	HG2G-SB21VF-W	HG2G-5ST22VF-W ¹
		Black	HG1F-SB22BF-B	HG1F-SB22YF-B	HG2G-SB22VF-B	HG2G-SB21VF-B	HG2G-5ST22VF-B ¹
		Silver	-	-	HG2G-SB22VF-S	-	HG2G-5ST22VF-S ¹



1. HG2G-5ST22VF models (color without ethernet) do not support Power Failure Backup Data

Character Display



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Display Type	2-line, 4-line, or 8 line display
Memory Size	24KB or 64KB
Rated Voltage	5VDC or 24VDC
Communication Type	RS-232 or RS-422/RS-485
Number of Screens	Users can easily define as many screens as allowed by the unit's memory
Keys	Keys are user definable
LED	LEDs can provide on/off status for users to provide simple monitoring
Numeric Keypad	4 or 8 line display
Bitmap Capability	8 line display only
Serial Printer	For printing screens and alarms
Support of Most Major PLC Manufacturers	Yes
Safety Standards	UL508
Degree of Protection	IP65