

# HMI Selection Guide

		Compact HG1G Series	HG2G 5T Series		High Performance Series				
		4.3"	5.7"		5.7"	8.4"	10.4"	12.1"	15"
Display Type		Color-TFT	Monochrome	Color-TFT	Color-TFT				
Color Depth		65,536	2	65,536	65,536				
Rated Power Voltage		12 to 24V DC	12 to 24V DC		24V DC				
Resolution		480W x 272H pixels	320W x 240H pixels		640W x 480H pixels	1024W x 768H pixels			
Brightness		800 cd/m <sup>2</sup>	1100 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>		700 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	650 cd/m <sup>2</sup>
Backlight Life		70,000 hours min.	100,000 hours min.		100,000 hours min.				
Operating Temperature		-20 to 55° C	-20 to 60° C		-20 to 60° C				
Storage Temperature		-20 to 70° C	-20 to 70° C		-20 to 70° C				
SD Card Slot		—	—	—	✓				
Expansion I/O module		—	—	—	✓				
Serial Ports		1 (RS232, RS485, RS422)	1 (RS232, RS485, RS422)		2 (RS232, RS485, RS422)				
Ethernet Port		RJ-45	RJ-45		RJ-45				
USB Ports		1 Type A/1 MiniB	1 Type A/1 MiniB		1 Type A/1 MiniB				
Video *1/Audio Out *2		—	—	—	—	2 Video Inputs, 1 Audio Out			
Approvals		IP66F/IP67F, UL508, CSA C22.2 No.142.213 ANSI/ISA 12.12.01, Type 4X and 13, Class I Div 2	IP66F, UL508, CSA C22.2 No.142.213 ANSI/ISA 12.12.01, Type 4X and 13, Class I Div 2		Safety Standards: UL61010-1, UL61010-2-201, UL12.12.01 CSA C22.2 No.61010-1-12 CSA C22.2 No.61010-2-201 CSA C22.2 No.213 IP66F/IP67F, Type 4X, 12, and 13 Class I Div 2 Ship Classification Standards (pending): ABS, LR, NK, DNV GL				
Part Number	Light-Gray Black Silver	HG1G-4VT22TF-B HG1G-4VT22TF-S	HG2G-5TN22TF-W HG2G-5TN22TF-B HG2G-5TN22TF-S	HG2G-5TT22TF-W HG2G-5TT22TF-B HG2G-5TT22TF-S	HG2G-V5FT22TF-W HG2G-V5FT22TF-B	HG3G-V8XT22MF-W HG3G-V8XT22MF-B	HG3G-VAXT22MF-W HG3G-VAXT22MF-B	HG4G-VCXT22MF-B	HG5G-VFXT22MF-B

\*1 Composite Video RCA connector (NTSC or PAL) \*2 3.5 mm audio mini jack (stereo)