The operator interface is one of the most important parts of your machine. Usability is key. An HMI can increase productivity by having a centralized control center that is extremely user-friendly.

From configutation software, to software for machine-level visualization solution, all the way to powerful interface system that extends beyond the walls of your facility to deliver critical visibility on demand, improving the productivity of users at every level of your organization.

With Gvision's HMI panel series are simply to program with display and input capabilities for intelligent factory applications and industrial monitors.

SPECIFICATION

	Model	KC104	KC107	KC110	KC112	KC115
Display	Screen Size (inch)	4.3"	7"	10.2"	12.1"	15.4"
	Resolution	480 x 272	800 x 480	800 x 480	1280 x 800	1280 x 800
	Display Colors	8 bit – 16.7M	8 bit – 16.7M	8 bit – 16.7M	8 bit – 16.7M	8 bit – 16.7M
	Brightness (cd/m2)	330	300	350	400	400
	Contrast Ratio	500:1	500:1	300:1	1000:1	700:1
	Viewing Angle	140° (H) x 120° (V)	140° (H) x 120° (V)	130° (H) x 110° (V)	176° (H) x 176° (V)	160° (H) x 140° (V)
	Backlight Life	20,000 hrs (Min.) / LED	20,000 hrs (Min.) / LED	20,000 hrs (Min.) / LED	50,000 hrs (Min.) / LED	50,000 hrs (Min.) / LED
	Touch Technology	4 Wire Resistive Analog			5 Wire Resistive Analog	
	Dimming	20 levels				
System	CPU	ARM Cortex-A8 (1GHz)				
	SDRAM Memory	512MB				
	Onboard Flash	4GB Embedded MMC				
	F-RAM	32K				
	RTC	YES				
Interface	Front	1 x Power Indicator	1 x Power Indicator, 1 x Mechanic Switch			
	COM1	1 x RS232, 1 x RS422 / 458	RS232 / 422 / 485			
	COM2	—	RS232 / 422 / 485			
	COM3	—	RS232 / 422 / 485			
	Ethernet	1 x RJ-45 100/100M bit				
	USB	1 x Device, 1 x Host				
	Memory Card	—	SD Card			
	Audio	—				
	Video Output	—				
	Expansion	—				
Ratings	Power Input	19.2 ~ 28.8V, Isolated Power				
	Power Consumption	6W	8W	10W	22W	28W
	Weight	0.25kg	0.68kg	1.1kg	4.3kg	5.8kg
	Battery	CR 2032 Replaceable				
Mechanical	Construction	Plastic			Aluminum Front Bezel & Steel Chassis	
	IP Rating	IP 65 (Front)				
	Mounting (mm)	Panel Mount	Panel Mount, VESA 75 x 75			
	Dimension (W x H x D)	127.7 x 89.7 x 36.7mm	199.8 x 147.8 x 39.8mm	279.5 x 195.5 x 39.5mm	319.0 x 225.0 x 56.8mm	397.0 x 275.0 x 56.8
	Cut-out (W x H)	119.3 x 81.3mm	185.2 x 133.2mm	260.2 x 177.2mm	305.7 x 211.7mm	383.7 x 261.7
Environments	Operating Temp.	0℃ ~ 45℃ (32°F ~ 113°F)	0℃ ~ 50℃ (32°F ~ 122°F)			
	Storage Temp.	-20℃ ~ 60℃ (-4°F ~ 140°F)				
	Relative Humidity	10%~90% non-condensing				
Certification	ESD Protection	—	Level 4 (Contact 8KV, Air-Gap 15KV), Class A			
	CE / FCC	CE / FCC (EN 61000-6-4, EN 61000-6-2)				
System Support		HMI - Embedded Linux Open Platform - Embedded Linux, WinCE				

All Specifications and photo are subject to change without notice   NO180316