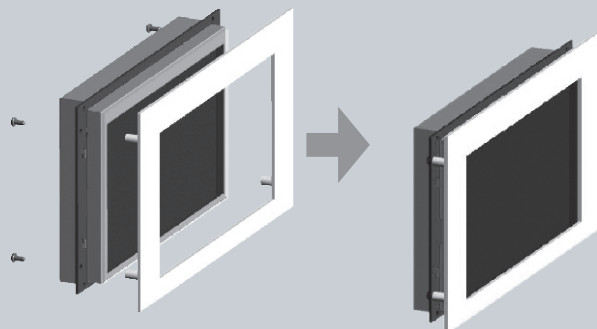


# Kinco GR series

Install HMI without front shell

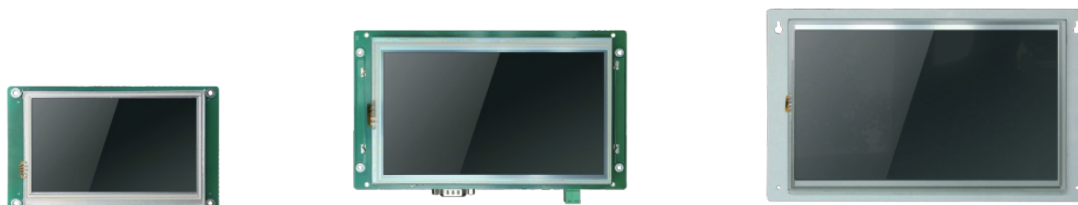
## Product features:

- GR series includes 3 models: GR043, GR070E and GR100E;
- THE GR series USB slave adopts MicroUSB interface;
- GR series adopt post-installation fixed mode, which can perfectly fit the surface of the equipment and be integrated with the equipment;
- Customers can design masks according to their own needs to highlight the equipment level;



# GR series HMI

## Rear installation without front shell



Model	GR043	GR070E	GR100E
<b>Performance specification</b>			
Display size	4.3" TFT	7" TFT	10.1" TFT
Resolution	480*272 pixels	800*480 pixels	1024*600 pixels
Display color		16.7M true color	
Brightness	450cd/m <sup>2</sup>	250cd/m <sup>2</sup>	400cd/m <sup>2</sup>
Backlight	LED		
Backlight life	More than 30000 hours		
Touch panel	4 line precision resistance network (surface hardness 4H)		
CPU	ARM RISC 32Bit 800MHz		
Storage	128MB NAND Flash Memory+128MB DDR3 Memory		
RTC	Built-in		
Extensible memory	1 USB Host		
Print port	USB Host/serial port		
Ethernet	None	10/100M self-adaption	
Program download	USB Slave(Micro USB)/U disk	USB Slave(Micro USB)/U disk/Ethernet	
Communication port	COM0:RS232/RS485/RS422 COM2:RS232	COM0:RS232/RS485/RS422 COM2:RS232	
<b>Electrical specifications</b>			
Input power supply	DC10.8V~DC28V		
Rated power	2W @24V DC	3.6W @24V DC	6W @24V DC
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ@500V DC		
Hi-pot test	500 VAC 1 minute		
<b>Structure specifications</b>			
Shell color	-		Metallic gray
Shell material	Metallic		
Shape size	128×75×27mm	190.4*110*30 mm	275.6×163.6×32mm
Cutout size	107.2×68.9 mm	166*101 mm	238×148 mm
Weight	0.2Kg	0.3Kg	0.9Kg
<b>Environmental specifications</b>			
Operating ambient temperature	0° C ~ 50° C		
Operating ambient humidity	10% to 90% noncondensing		
Storage ambient temperature	-20° C ~ 60° C		
Storage ambient humidity	10% to 90% noncondensing		
Sine vibration test	10~500Hz, 30m/s <sup>2</sup> , X, Y, Z direction/hour		
Cooling mode	Natural air cooling		
<b>Product certification</b>			
Panel protection grade	Conforming to IP65 certification(4208-93)		
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		

Note : GR series will be available in July 2020.