



IOT GREEN Series HMI

- GT070E / GT070E-4G / GT070E-WiFi
- GT070HE/GT070HE-4G/GT070HE-WiFi
- GT100E / GT100E-4G / GT100E-WiFi
- GW01 / GW01-4G / GW01-WiFi



Ethernet



4G



WiFi



Remote Service



MEC



DT00LS V3.5



Compact Design



VPN Passthrough

GREEN Series HMI GT IOT

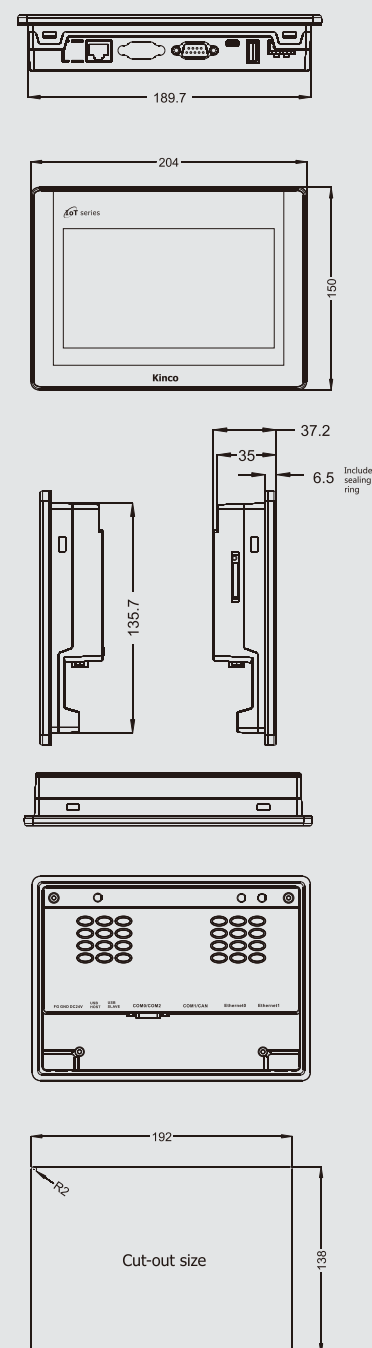
GT070E/GT070E-4G/GT070E-WiFi

- 7" HD display, 16.77m true color
- Support Ethernet, built-in 4G & WiFi
- Built-in Internet of Things function, support remote service
- HMI has the function of remote upload and download



Model	GT070E	GT070E-4G	GT070E-WiFi
Performance specification			
Display size	7" TFT		
Display area	154.08mm(W)*85.92mm(H)		
Resolution	800*480 pixels		
Display color	16.7M true color		
Display angle of view	70/70/50/70(left/right/up/down)		
Contrast ratio	500:1		
Backlight	LED		
Brightness	250cd/m²		
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		
Internetwork	Ethernet	Ethernet/Cellular 2G/3G/4G	Ethernet/WiFi
Program download	USB Slave (Micro USB)/U disk/Ethernet		
Cellular and Wireless	None	LTE-FDD Band 1/3/5/8 LTE-TDD Band 38/39/40/41 UMTS Band 1/8 GSM Band 3/8	IEEE802.11 b/g/n 802.11b:max 17dBm 802.11g:max 17dBm 802.11n:max 17dBm
VPN	Support HMI remote upload and download and screen monitoring, support PLC passthrough program upload and download and online debugging		
Ethernet	10/100M self-adaption		
Communication port	COM0:RS232/RS485/RS422, COM2:RS232		
Electrical specifications			
Input power supply	DC10.8V~DC28V		
Rated power	4.2W @24V DC		
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ@500V DC		
Hi-pot test	500 VAC 1 minute		
Structure specifications			
Shell material	Engineering plastic		
Shape size	204*150*37 mm		
Cutout size	192*138 mm		
Weight	0.5Kg		
Environmental specifications			
Operating ambient temperature	0℃ ~ 50℃		
Operating ambient humidity	10% to 90% noncondensing		
Storage ambient temperature	-20℃ ~ 60℃		
Storage ambient humidity	10% to 90% noncondensing		
Sine vibration test	10~500Hz, 30m/s², X, Y, Z direction/hour		
Cooling mode	Natural air cooling		
Product certification			
Panel protection grade	Conforming to IP65 certification(4208-93)		
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		
Software			
Configuration software	Kinco DTools V3.5.0 and above		

Mechanical Dimensions (Unit:mm)



GREEN Series HMI GT IOT

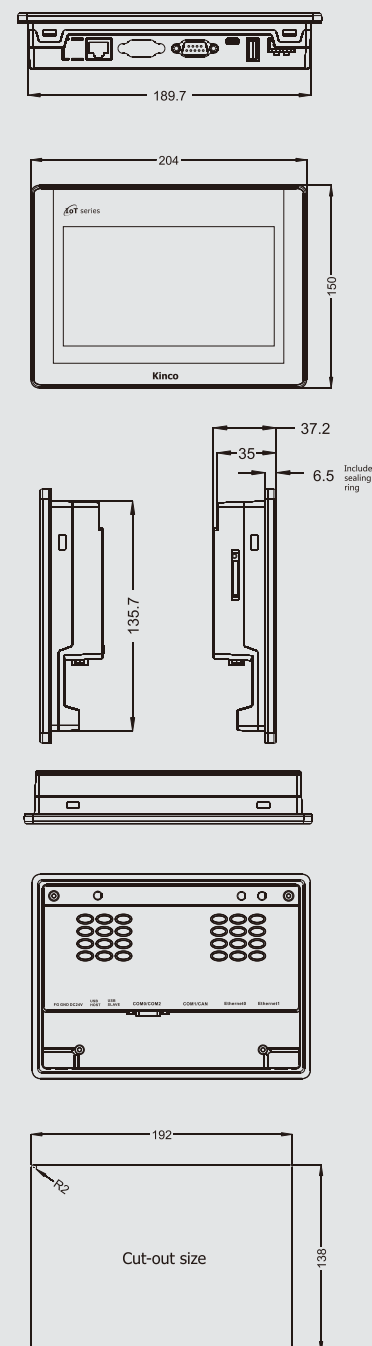
GT070HE/GT070HE-4G/GT070HE-WiFi

- 7",1024*600 pixel,Broad and comfortable screen, Clear and pleasing to the eye
- Support Ethernet, built-in 4G & WiFi
- Built-in Internet of Things function, support remote service
- HMI has the function of remote upload and download



Model	GT070HE	GT070HE-4G	GT070HE-WiFi
Performance specification			
Display size	7" TFT		
Display area	154.08mm(W)*85.92mm(H)		
Resolution	1024*600 pixels		
Display color	16.7M true color		
Display angle of view	70/70/50/70(left/right/up/down)		
Contrast ratio	500:1		
Backlight	LED		
Brightness	250cd/m ²		
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		
Internetwork	Ethernet	Ethernet/Cellular 2G/3G/4G	Ethernet/WiFi
Program download	USB Slave (Micro USB)/U disk/Ethernet		
Cellular and Wireless	None	LTE-FDD Band 1/3/5/8 LTE-TDD Band 38/39/40/41 UMTS Band 1/8 GSM Band 3/8	IEEE802.11 b/g/n 802.11b:max 17dBm 802.11g:max 17dBm 802.11n:max 17dBm
VPN	Support HMI remote upload and download and screen monitoring, support PLC passthrough program upload and download and online debugging		
Ethernet	10/100M self-adaption		
Communication port	COM0:RS232/RS485/RS422, COM2:RS232		
Electrical specifications			
Input power supply	DC10.8V~DC28V		
Rated power	4.2W @24V DC		
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ@500V DC		
Hi-pot test	500 VAC 1 minute		
Structure specifications			
Shell material	Engineering plastic		
Shape size	204*150*37 mm		
Cutout size	192*138 mm		
Weight	0.5Kg		
Environmental specifications			
Operating ambient temperature	0℃ ~ 50℃		
Operating ambient humidity	10% to 90% noncondensing		
Storage ambient temperature	-20℃ ~ 60℃		
Storage ambient humidity	10% to 90% noncondensing		
Sine vibration test	10~500Hz, 30m/s ² , X, Y, Z direction/hour		
Cooling mode	Natural air cooling		
Product certification			
Panel protection grade	Conforming to IP65 certification(4208-93)		
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		
Software			
Configuration software	Kinco DTools V3.5.0 and above		

Mechanical Dimensions (Unit:mm)



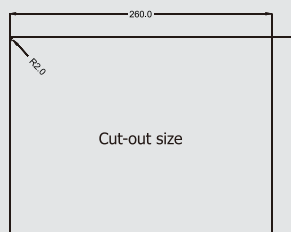
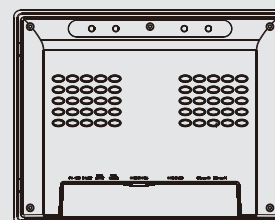
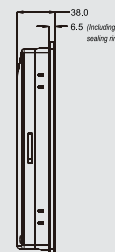
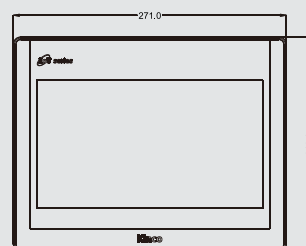
GREEN Series HMI GT IOT GT100E/GT100E-4G/GT100E-WiFi

- 10.1"HD display, 16.77M true color
- Support Ethernet, built-in 4G & WiFi
- Built-in Internet of Things function, support remote service
- Remote transmission, PLC program upload, download, online debugging, desktop monitoring

Model	GT100E	GT100E-4G	GT100E-WiFi
Performance specification			
Display size	10.1" TFT		
Display area	222.72(W)x125.28(H)		
Resolution	1024*600 pixels		
Display color	16.7M true color		
Display angle of view	85/85/85/85(left/right/up/down)		
Contrast ratio	500:1		
Backlight	LED		
Brightness	300cd/m²		
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		
Internetwork	Ethernet	Ethernet/Cellular 2G/3G/4G	Ethernet/WiFi
Program download	USB Slave (Micro USB)/U disk/Ethernet		
Cellular and Wireless	None	LTE-FDD Band 1/3/5/8 LTE-TDD Band 38/39/40/41 UMTS Band 1/8 GSM Band 3/8	IEEE802.11 b/g/n 802.11b:max 17dBm 802.11g:max 17dBm 802.11n:max 17dBm
VPN	Support HMI remote upload and download and screen monitoring, support PLC passthrough program upload and download and online debugging		
Ethernet	10/100M self-adaption		
Communication port	COM0:RS232/RS485/RS422, COM2:RS232		
Electrical specifications			
Input power supply	DC10.8V~DC28V		
Rated power	7W @24V DC		
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ @500V DC		
Hi-pot test	500 VAC 1 minute		
Structure specifications			
Shell material	Engineering plastic		
Shape size	271*213*38 mm		
Cutout size	260*202 mm		
Weight	1.1Kg		
Environmental specifications			
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/s², X, Y, Z direction/hour		
Cooling mode	Natural air cooling		
Product certification			
Panel protection grade	Conforming to IP65 certification(4208-93)		
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		
Software			
Configuration software	Kinco DTools V3.5.1 and above		



Mechanical Dimensions (Unit:mm)



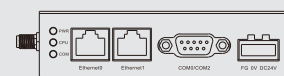
GREEN Series HMI GT IOT GW01/GW01-4G/GW01-WiFi

- Dual-port ethernet + COM, can connect hundreds of mainstream controllers, no need to change the existing architecture
- Easy configuration, easy to achieve data mapping, the device data transfer to the cloud
- Free choice of wireless or 4G, suitable for different demand
- Small size, easy to install (DIN rail installation)



Model	GW01	GW01-4G	GW01-WiFi
Performance specification			
CPU	ARM RISC 32Bit 800MHz		
Storage	128MB NAND Flash Memory+128MB DDR3 Memory		
RTC	Built-in		
Ethernet	2* 10/100M self-adaption		
WiFi	None	None	2.4GHz WiFi
4G	None	Built-in	None
USB	1*USB Slave (Micro USB)		
Program download	USB Slave(Micro USB)/ Ethernet	USB Slave(Micro USB)/ Ethernet	USB Slave(Micro USB)/ Ethernet/WiFi
Cellular and Wireless	None	LTE-FDD Band 1/3/5/8 LTE-TDD Band 38/39/40/41 UMTS Band 1/8 GSM Band 3/8	IEEE802.11 b/g/n 802.11b:max 17dBm 802.11g:max 17dBm 802.11n:max 17dBm
VPN	Support box remote upload and download and online monitoring, support PLC passthrough program upload and download and online debugging		
Communication port	COM0:RS232/RS485/RS422, COM2:RS232		
Electrical specifications			
Input power supply	DC12V~DC28V, Built-in isolation power supply		
Rated power	1.5W		
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ@500V DC		
Hi-pot test	500 VAC 1 minute		
Structure specifications			
Shell color	Black		
Shell material	Metallic		
Shape size	111.6*93.6*30 mm		
Installation	DIN-rail mounting (35mm)		
Weight	0.31Kg		
Environmental specifications			
Operating ambient temperature	-10° C ~ 55° 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/s², X, Y, Z direction/hour		
Cooling mode	Natural air cooling		
Product certification			
Panel protection grade	Conforming to IP20		
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		
Software			
Configuration software	Kinco DTools V3.4 and above		

Mechanical Dimensions (Unit:mm)



with DIN buckle

