



# GT100E/GT100E-4G/GT100E-WiFi

## Product Features:

- Industrial CPU, main frequency 800MHz;
- 10.1", HD Display, 16.77M true colors;
- Support Ethernet, built-in 4G / WiFi ;
- Powerful script function, support edge computing;
- Built in Internet of things, supporting remote services:
  - ▷Remote HMI function Upload / Download;
  - ▷Remote transmission PLC program Upload / Download;
  - ▷Remote transmission online debugging PLC program;
  - ▷Remote desktop monitoring
- The new generation of Kinco Dtools configuration software is powerful and easy to use.



The GREEN series cooperates with configuration software:  
**Kinco DTools.**

It supports four languages versions of Chinese, Traditional Chinese, English and Korean.  
The configuration design content supports all fonts installed in computer system.  
It supports cloud monitoring. VNC achieves interoperation between HMI and HMI, HMI and PC, mobile phones(or other terminals), supports convenient components such as installation, PDF browsing and operating log records for designing guiding interface.  
It is the humanized design and easy to use.

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

10.1",HD Display, 16.77 Million true colors;  
Support Ethernet, built-in 4G / WiFi ;  
Edge computing is supported;  
Built in Internet of things function, supporting remote service.



Model	GT100E	GT100E-4G	GT100E-WiFi
<b>Performance specification</b>			
Display size	10.1" TFT		
Display area	222.72mm(W)x125.28mm(H)		
Resolution	1024*600 pixel		
Display color	16.7M color		
Display angle of view	85/85/85/85(left/right/up/down)		
Contrast ratio	800:1		
Backlight	LED		
Brightness	350cd/m <sup>2</sup>		
Backlight life	More than 30000 hours		
Touch panel	4 line precision resistance network (surface hardness 4H)		
CPU	ARM RISC 32Bit 800MHz		
Storage	256MB NAND Flash Memory+128MB DDR3 Memory		
RTC	Built-in		
Extensible memory	1 USB Host		
Print port	USB Host/serial port		
Network access	Ethernet	Ethernet, 2G / 3G / 4G wireless communication	Ethernet,Wi-Fi
Program download	USB Slave(Micro USB)/USB/Ethernet		
Wi-Fi / WLAN	none	LTE-FDD Band 1/3/5/8, LTE-TDD Band 38/39/40/41 TD-SCDMA Band 34/39, UMTS BC0,EVDO Bc0, CDMA1x BC0,GSM Band 3/5/8	IEEE802.11 b/g/n 802.11b:max 17dBm 802.11g:max 17dBm 802.11n:max 17dBm
VPN	Support HMI remote upload, download and screen monitoring, support PLC transparent transmission program upload, download and monitoring		
Ethernet	One 10 / 100MHz adaptive port		
Communication port	COM0:RS232/RS485/RS422; COM2:RS232		
<b>Electrical specifications</b>			
Input power supply	DC10.8V ~ DC28V		
Rated power	6W @DC24V		
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ@500V DC		
Hi-pot test	500 VAC 1 minute		
<b>Structure specifications</b>			
Shell material	Engineering plastic		
Shape size	271.1mm*213.0mm*38mm		
Cutout size	260mm*202mm		
Weight	Kg		
<b>Environmental specifications</b>			
Working temperature	-10 ~ 50°C		
Working Humidity	10 ~ 90%RH (non-condensing)		
Storage temperature	-20 ~ 60°C		
Storage humidity	10 ~ 90%RH (non-condensing)		
Sinusoidal vibration test	10 ~ 500Hz, 30m/s <sup>2</sup> , X, Y, Z direction/hour		
Cooling mode	Natural air cooling		
Panel protection grade	Conforming to IP65 certification(4208—93)		
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		
Configuration software	Kinco DTools V4.1 and above version		

### Mechanical Dimensions (Unit: mm)

