



Industry specific series

Wide temperature range HMI

G100E2-WIFI-PR01

Product Features

- The wide operating temperature of the entire device is considered, which is from -20 °C to 70 °C.
- The device is equipped with dual network ports and Wi-Fi to enable remote debugging.
- The motherboard of the device is coated with a three-proof paint to avoid damage caused by water condensation.
- The device has an all-metal shell that has strong anti-electromagnetic Interference capability.
- TP+LCD fully integrated technology is applied in the screen of the device, providing a similar appearance and haptic feedback to capacitive touchscreens.

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G100E2-WIFI-PR01



Model specifications	G100E2-WIFI-PR01
Performance specifications	
Display size	10.1" TFT
Display area	222.72 (W) * 125.28 (H)
Resolution	1024*600 pixel
Display color	16.7M
Display viewing angle	85/85/85/85(left/right/up/down)
Contrast ratio	800:1
Backlight	LED
Brightness	250cd/m2
Backlight life	>30000 hours
Touch panel	4 line precision resistance network (surface hardness 3H)
CPU	ARM RISC 32Bit 800MHz
Memory	256MB NAND Flash Memory+256 MB RAM
RTC	Built-in(512KB)
Extensible memory	1 USB Host
Print port	USB Host/serial port
Ethernet	LAN0:10/100 Mbps LAN1:10/100 Mbps
Program download	Ethernet port/USB Slave/U disk
Com port	COM0:RS232/RS485/RS422; COM1:RS485/RS422/CAN; COM2:RS232;
Electrical specifications	
Input power supply	DC18V~DC28V, built-in isolated power supply
Rated power	15W@24VDC
Allowable loss of power	<3ms
Insulation resistance	50MΩ@ 500VDC
Pressure resistance test	500 VAC 1 minute
Structure specifications	
PCB	Built-in
Shell material	Metal
Overall dimension(mm)	166*254*32.6mm
Cut-out dimension(mm)	192*138mm
Installation mode	Panel installation, Bracket installation
Weight(kg)	1.65KG
Environmental specifications	
Working temperature	-20~70°C
Working Humidity	10~90%RH (Non-condensing)
Storage temperature	-30~80°C
Storage humidity	10~90%RH (Non-condensing)
Seismic resistance	10~500Hz, 30m/s², X,Y,Z direction/hour
Cooling mode	Natural air cooling
Product certification	
Panel protection grade	IP65 certification(4208—93)
CE authentication	EN61000-6-4:2019, EN61000-6-2:2019
Software	
Configuration software	DTools V4.1 and above version

Size (mm)

