

HMI-GL150

FEATURES

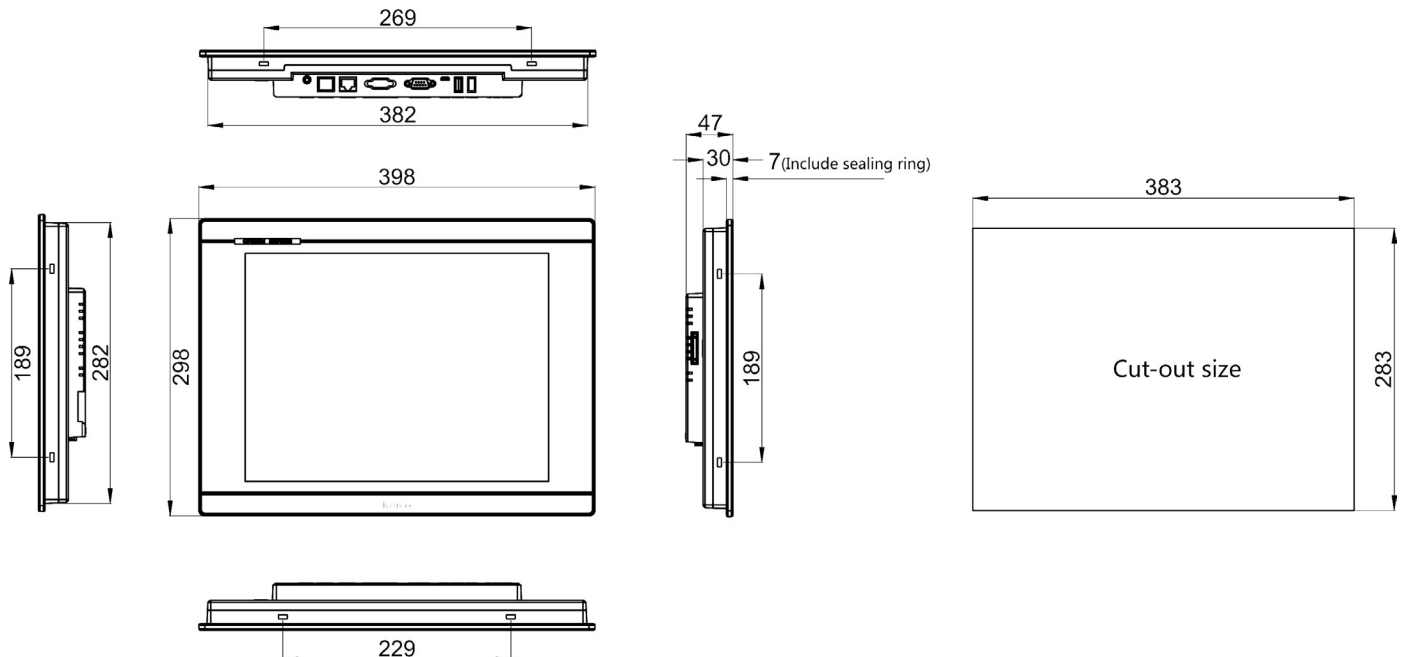
- **65536 True Color**
- **32-Bit 792 MHz ARM RISC CPU**
- **Real-Time Clock, Reserve Time for More than 2 Years at Power Off State**
- **2 COM Ports, Supports Simultaneous Communications, Supports RS232/RS485/RS422**
- **24 VDC Input Voltage**
- **CE Certified**
- **128MB NAND FLASH + 128MB DDR3**



DESCRIPTION

The Green Series GL150 is the most modern and powerful HMI product that will make your application work seamlessly, without missing a step. The GL150 Series has a new structure and elegant body, compared to previous HMI's. This HMI line comes with a 65536 Color Display mode that gives your touch screen rich color and incomparable resolution. The Green Series products use the most advantageous ARM Cortex-A7 architecture industrial-grade processors, which ensure that the HMI's work efficiently. Furthermore, it has a much higher hardness and intensity with a higher temperature resistance. Each HMI supports simultaneous communications via its multiple serial ports, so that you can connect to different controllers at the same time. With the simple, convenient and powerful DTools configuration software, the user can master its design method and create first-class programs efficiently.

DIMENSIONS



L011790

MODEL	GL150E
Performance Specification	
Display	15" TFT
Display Area	304.13mm(W)x228.10mm(H)
Resolution	1024x768 pixels
Display Color	65536 Color
Display Angle of View	80/80/80/80(left/right/up/down)
Contrast Ratio	800:1
Backlight	LED
Brightness	420cd/m2
Backlight Life	50000 Hours
Touch Panel	4 Line Precision Resistance Network (Surface Hardness 4H)
CPU	ARM RISC 32Bit 792MHz
Storage	128MB NAND Flash Memory + 128MB DDR3 Memory
RTC	Built-in
Expandable Memory	1 USB Host
Print Port	USB Host/Serial Port
Ethernet	10/100MHz Self-Adaptation + 1 SD Card
Program Download	USB Slave/U Disk/Ethernet
Communication Port	COM0:RS232/RS485/RS422; COM2:RS232;
Electrical Specification	
Input Power Supply	DC21V ~ DC28V
Power Waste	16W@24V DC
Allowable Loss of Power	<3ms
Insulation Resistance	Over 50MΩ@500V DC
Hi-pot Test	500 VAC 1 Minute
Structure Specification	
Shell Material	Engineering Plastic
Shape Size	398mm x 298mm x 47mm
Installation Hole Size	383mm x 283mm
Weight	3 Kg
Environment Specification	
Temperature of Working Environment	-10 ~ 50°C
Humidity of Working Env.	10 ~ 90%RH (non-condensing)
Storage Environment Temperature	-20 ~ 60°C
Storage Environment Humidity	10 ~ 90%RH (non-condensing)
Anti-Seismic Degree	10 ~ 500Hz (X, Y, Z direction 2G/30 minute)
Cooling Mode	Natural Air Cooling
Certification	
Panel Protection Grade	Conforming to IP65 Certification(4208-93)
CE Authentication	EN6100-6-4:2007,EN61000-6-2:2005
Software	
Configuration Software	Kinco DTools V3.2 and Above Version