

安 装 说 明



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《人机界面售后服务条款》请登录如下网址查看: <http://www.kinco.cn>

Kinco

GREEN SERIES

INSPECTOR MK II mini

运行时间 0

清零

Kinco

PWR ●

CPU ●

COM ●

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1.1 Environmental Requirement

NEMA rating: This Series HMI frontpanel is NEMA 1 rated.

- Places direct in sunlight
- Surrounding temperature and humidity beyond the specifications
- Places of temperature changes sharply and easily cause condensation
- Places that exist corrosive gas and combustible gas
- Places of much dust, dirt, salt and iron powder
- Places that will be splashed water, oil and drugs

- Places that exist electrostatic or other kinds of noise
- Places of strong electromagnetic
- Places that may be exposed to rays
- Places near the power

- Input voltage:DC12 V~DC28V.
- Particularly note that there must be enough distance between this product and converters or switch mode power supply. Make sure that the input and output cables of that kind equipment are shielded cable and the shielding network is connected with the ground.
- Make sure that the DC power and AC power is isolated.
- Do not use common power with perceptual load or input circuit of the controller.

2.Installation Description

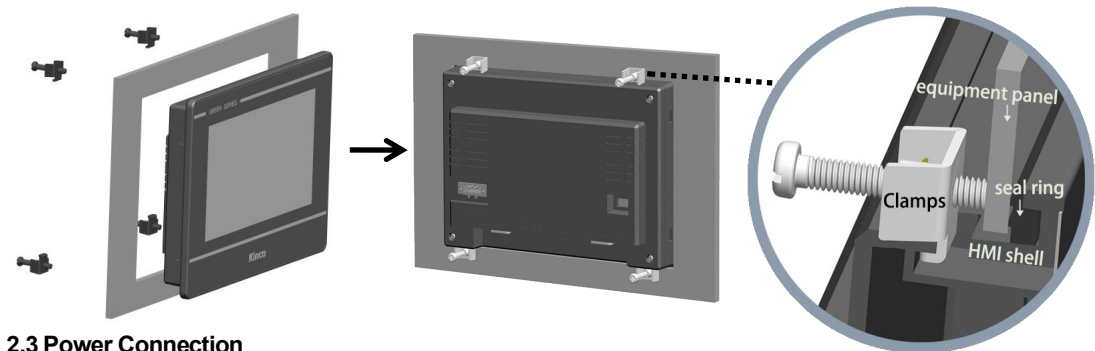
Technical drawing of the Kinco Green Series 15.6 inch monitor, showing front, top, and side views with dimensions.

Front View: The monitor features a 15.6-inch display area. The bezel is labeled "GREEN SERIES" at the top and "Kinco" at the bottom. On the right side of the bezel, there are three ports labeled "PC", "CPU", and "COM". The overall width is 154 mm and the height is 89 mm. The display area width is 146 mm and the height is 81 mm, labeled as "Cutout Size".

Top View: The top view shows the monitor's profile with a width of 145.2 mm and a height of 37.3 mm.

Side View: The side view shows the monitor's thickness with a width of 59.8 mm and a height of 80.2 mm. The distance from the top edge to the bottom edge is 5 mm.

The product is put into the well mounted hole of the machine control box's panel, and the mounting screws are inserted into the fixing holes around the HMI shell from the back of the control box's panel. Recommended lock torque: 0.5N.m (to waterproof effect and avoid shell deformation)



Before connecting the power, please make sure all local and national electrical standards are met. For power cables, please select cables with their dielectric strength values and current values in compliance with the safety specifications.

Connect positive DC line to the 'DC24V' terminal, the DC ground to the 'GND' terminal and the ground line to the 'FG' terminal.

Diagram of the rear panel of the device, showing the following ports and connectors:

- Ethernet
- USB HOST
- USB Slave
- COM0/COM2
- SD CARD

10M/100M adaptive Ethernet RJ45 port.

Connection	With CAT5 UTP cable connected to the Ethernet device.
Port Function	The port can be used for upload/download of HMI configuration, setting of system parameters and online simulations of configurations. It can connect multiple HMIs via the Ethernet to form an HMI network. Furthermore, it can implement communications between HMI and PLC via the Ethernet, as well as communications with a PC via the Ethernet port.

Connection	Connect with USB interface devices or U disks
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Port Function	This interface can be connected with USB keyboard, mouse and printers, and the U disk can be used for user's configuration uploading/ downloading as well as data storage.
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The interface type is MicroUSB

Connection	USB Slave port can be connected with a PC
Port Function	The port is only used to download user configuration program to the HMI and to set HMI system parameters.

Pin assignment of the 9-pin male, D-SUB, COM0/COM2. **Note:** RS232/485/422 communication functions are supported by COM0.COM2 supports RS232 communication function.

Pin	Signal	PLC (COM0) [RS-422]	PLC (COM0) [RS-485]	PLC (COM0) [RS-232]	PC/PLC (COM2) [RS-232]
1	Rx- (B)	RS422 R-	RS485 B		
2	RxD_PLC			RS232 RxD	
3	TxD_PLC			RS232 TxD	
4	Tx-	RS422 T-			
5	GND	Signal ground			
6	Rx+ (A)	RS422 R+	RS485 A		
7	RxD_PC				RS232 RxD
8	TxD_PC				RS232 TxD
9	Tx+	RS422 T+			

Connection	Standard SD card interface
Port Function	The SD Card can be inserted in through this interface for Data storage and user configuration uploading/downloading.

For < Service Terms and Conditions for HMI >, please check:<http://www.kinco.cn>