



## Feature

- \* Visualization: adopting a dual-screen design to realize a visual operation interface, which can monitor the operating status of more equipment at the same time and improve monitoring efficiency;
- \* Flexible configuration: The flexible configuration method allows users to increase or decrease the number of booms at will, and support the simultaneous control of 5 booms in one scene to meet the needs of different scenarios;
- \* Diverse functions: supports calling preset scenes and saving related parameters, at the same time, free lifting can be achieved through PLC control equipment. The upper limit value, lower limit value and single free positioning value can be set at any position on the travel line to meet actual performance needs.
- \* Safe and reliable: Multiple fault diagnosis measures are taken to ensure the safety and reliability of system operation;
- \* Easy to operate: The graphical operation interface makes the operation easy and reliable. Users can easily implement single control and centralized control functions of the system, thereby improving the efficiency and reliability of the overall system;
- \* Fault reminder: Equipped with an audible and visual alarm buzzer, which will sound an alarm and serve as a reminder when there is a fault or other problem in the operation of the equipment;
- \* One-button emergency stop: Equipped with a safety emergency stop button. When the equipment encounters an emergency during operation, press this button to achieve a safe stop and ensure the safe parking of the equipment;
- \* Independent positioning settings: In each scene design, independent positioning settings can be made for each device;
- \* Intelligent learning: With a highly intelligent self-learning function, which can effectively eliminate positioning errors caused by mechanical devices;
- \* Large-capacity configuration: Large-capacity scene settings and centralized control settings ensure that any complex scene combination needs can be met;
- \* Scene modification: Support modification of already designed scene content to continuously improve the quality and effect of scene content;
- \* System modularization: The console can control the programmable controller (PLC) boom control system, using the console as the central controller to achieve unified monitoring and management, thereby building a centralized control system. This control system adopts a modular structure as a whole, which significantly enhances the reliability of the system;
- \* Real-time feedback: The host computer PC is connected to the console through the Internet, and the console receives the control information sent by the host computer PC through the Internet. At the same time, the stage machinery system feeds back the current position and status information of the running boom to the network center through the EtherNET bus, and displays this information in real time on the human-machine interface and PC. It realizes real-time control and data transmission of the closed-loop servo system, and has many advantages such as high performance, high transmission speed, and high reliability communication;



### Specification

<b>Input voltage</b>	AC110-240V , 50/60Hz , 125W ;
<b>Display</b>	Two 15.6-inch wide viewing angle capacitive touch screens, 1920×1080 resolution;
<b>Controller</b>	Dual controller operation, quad-core Cortex-A17 CPU high-performance 3D processor, 4GB flash memory, 1GB memory, standard 61-key black keyboard, input power supply 24±20%DC;
<b>I/O port</b>	4 Ethernet interfaces, 4 RS485 interfaces, 2 USB2.0 interfaces, 2 DB15 signal control interfaces, 1 DC24V output interface;
<b>Data transfer rate</b>	10/100 Mbit/s ;
<b>Color</b>	Black;
<b>Installation method</b>	Desktop placement and installation;
<b>Control channel</b>	Four channels (jog up, jog down, and speed control push rod);
<b>IP level</b>	IP20 ;
<b>Product size (L×W×H)</b>	887×464×151mm ;
<b>Empty size of wooden box (L×W×H)</b>	955×530×225mm ;
<b>Net weight</b>	29.4kg ;
<b>Gross weight</b>	52.0kg ;