KZ-CP6E Central Controller

KONZESYS

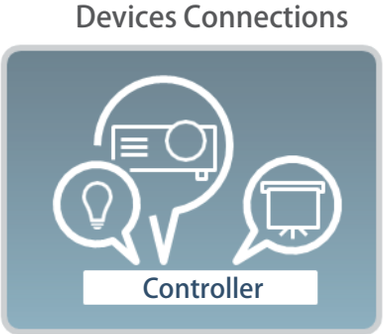
- Equipped with quad-core CPU/1G memory/8G FLASH/LINUX operating system
- Provides real-time response and status update, and through a customized GUI design, it can easily cope with events that require a high degree of logical judgment, and support more user access control.
- Equipped with an independent network card design—allows the management and control of managed devices in an independent network to meet high security and the need for stability.
- To easily manage any room settings, such as: lighting, conference systems, air conditioning, sensors, power systems, etc.
- Excellent solution for managing large-scale equipment deployment, especially in strict security settings with high performance requirements, such as government agencies, military facilities, business organizations, and medical institutions.
- A management system based on standard network protocols. It consists of hardware, configurator software, user-controlled equipment, and to control any hardware and software equipment in the room settings, such as conference rooms and lecture halls, and through users, the GUI defined by the KZ-ICB graphic control software provides direct and centralized management from any mobile device, button panel and touch panel.

Characteristics

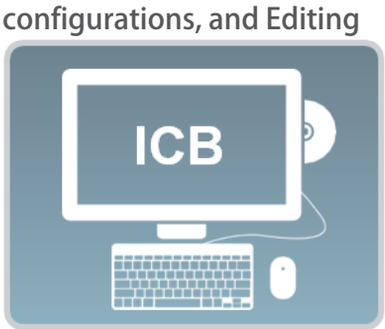
- Embedded with a quad-core high-performance processor and 1G memory/8G FLASH memory capacity, it can be used to design and manage high-complexity projects.
- Independent network card design ensures high security communication between IT equipment.
- Supports various connection interfaces for hardware and software integration and mobile device control.
- Equipped with a USB port for easy uploading of configuration files.
- Infrared learning function, infrared device driver can be added.
- Centralized control and management through KZ-ICB graphic control editing.
- Support file backup.
- Indicator lights show hardware status and connection information.

Installation

Devices Connections

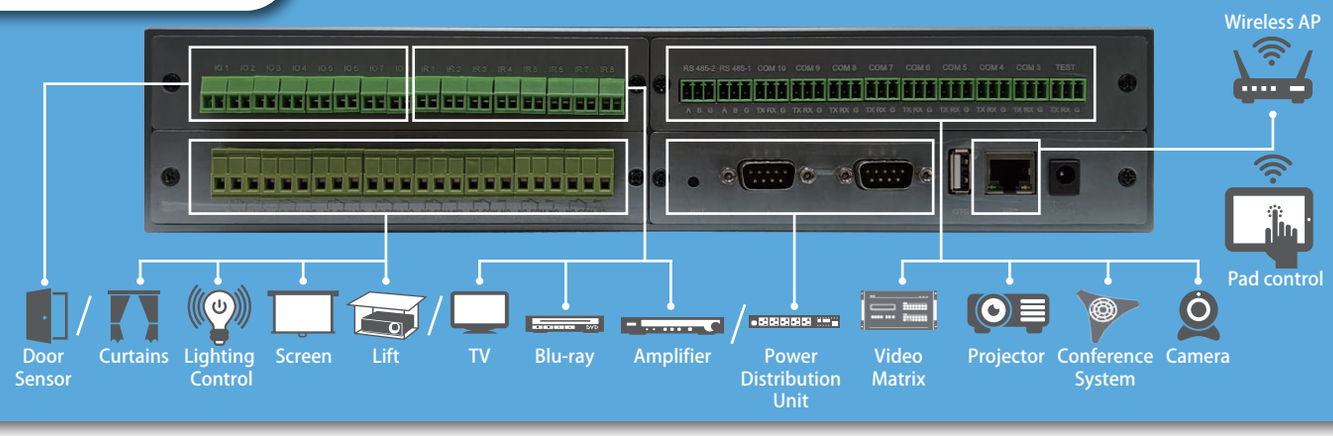


Program UI design, configurations, and Editing

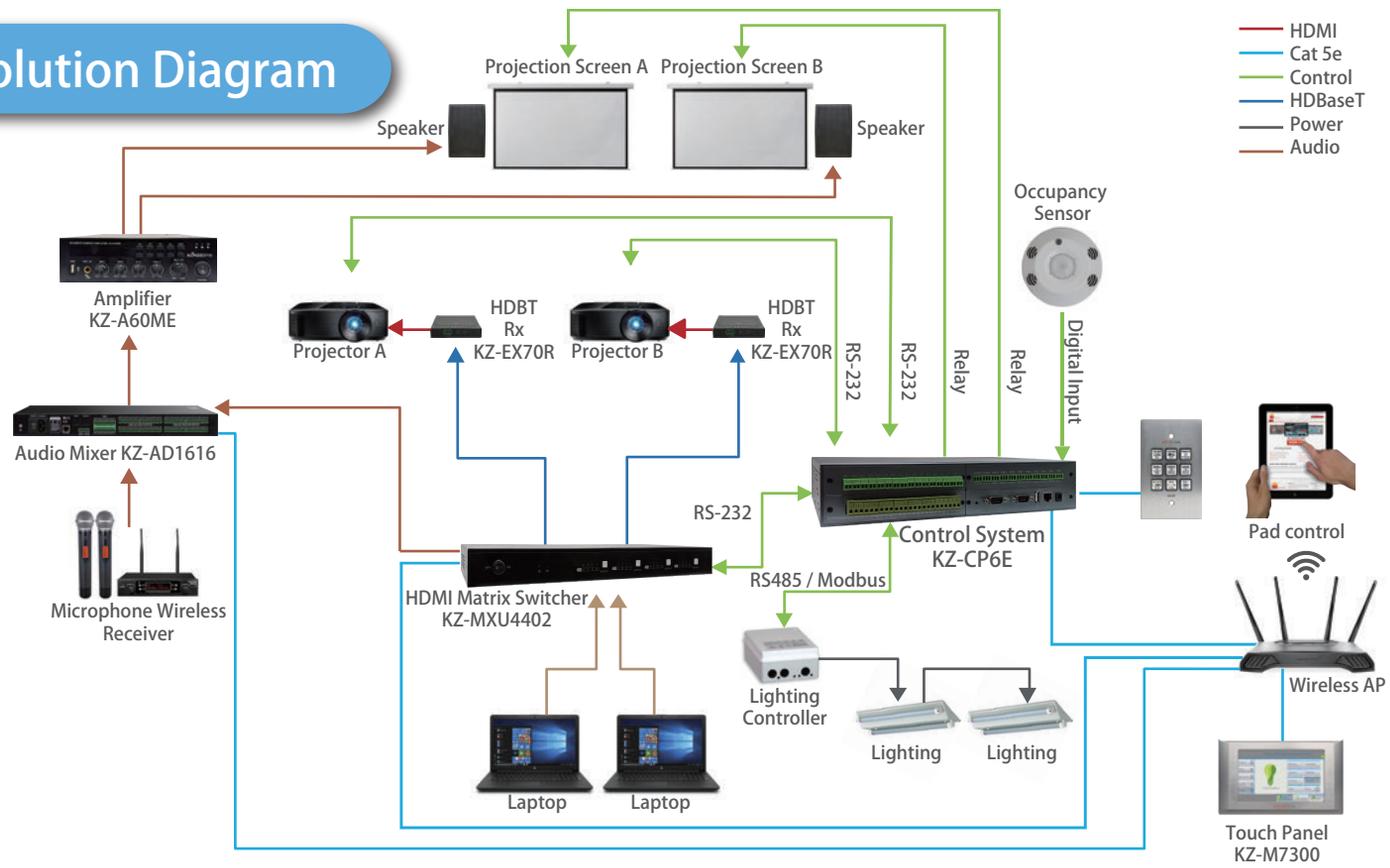


Upload the control program after iKonze downloading

Connections



Solution Diagram



Specifications

- Adopts 4-core CPU/1GB memory/8GB FLASH/LINUX operating system.
- infrared status indicators X8; Relay status indicators X8.
- An infrared learning receiving port and 4 status indicators for power supply, transmission, reception, and network.
- 10 programmable RS-232 communication ports; 2 programmable RS-485 communication ports; 1 TCP interface, •
- Connectable to wireless modules such as Zigbee and RF433.
- Built-in 8 digital I/O combined input trigger control ports.
- Built-in 8 power relays.
- Built-in 8 infrared transmission output.
- Built-in 8GB large-capacity FLASH memory, built-in program storage, and provides a combination of hardware and software, remote upgrades, and schedule planning.
- With 10/100M TCP/IP network control card.
- Supports Android, iOS , and WINDOWS systems.
- Programmable editing software supports various graphics and text button layout, as well as various sequence protocol, protocol analysis, and calculation etc.
- Supports network control and online program update, expandable modules to control multiple dimmers and multiple power controllers etc.
- Third-party equipment and control protocols are supported. Users can set up and configure various control protocols and coding by themselves.
- Optional wireless touch LCD screen, personal computer or tablet computer to execute the graphic control programs.
- Finish and Power supply: 1.5U aluminum alloy standard chassis, using 12V/5A power supply wide-voltage adapter for power supply.