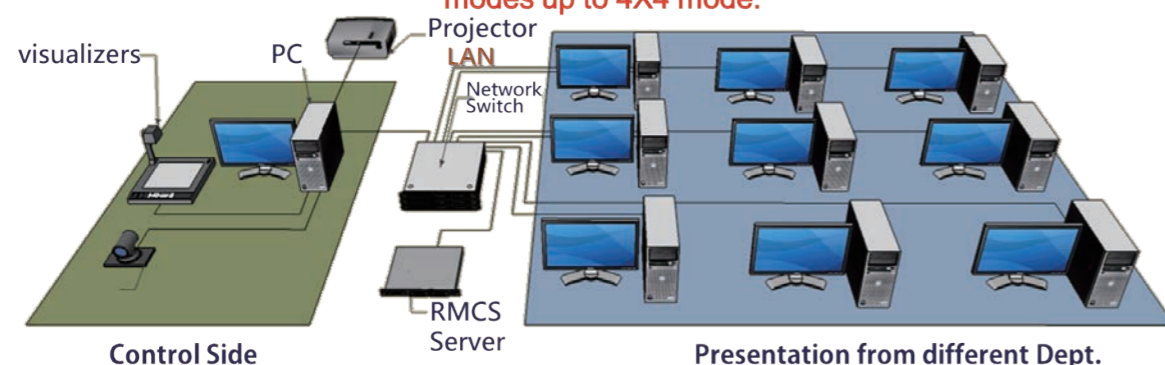


NETWORK CONTROL AND MANAGEMENT

Accompanied with KZ-RMCS, a network control system, all signals from KZ-VRC can be transmitted through network. Administrators from the CONTROL CENTER or a COMPUTER can observe, manage and even control devices in every room. The infrastructure of IOT has been established in one step. (Optional)



Can directly switch the output to projectors or video wall. Also, can change display modes up to 4X4 mode.



HD Network Control System KZ-VRC

SMART MANAGEMENT, ONE-STEP ACCOMPLISHMENT

- Monitor all screens in real-time**
 - Computer desktop screens
 - Web cam screen capture
 - Video screens (from DVD player or Visualizers)
 - Select single, dual, 2x2, 3x3, 4x4 monitoring screens modes
- Distanced Support**
 - Teachers/Lecturers can operate audience's PC
 - Solve problems from the distance
- Distanced Q&A**
 - Audience can ask questions to Lecturers via internet network
 - Lecturers can answer questions via internet network
- Multi-signals transmission at the same time**
 - Audience can view multi-signals broadcasted by lecturers at the same, which include computer screens, cameras, visualizers, DVD players, and audios.
 - Signals can be transmitted as single and 3-screen video screen



- Communication and Observation**
 - Can chat in groups
 - Can surveillance the content of group discussion
 - Audio quality settings
 - Audio transmission settings
- Course recording**
 - Can convert courses to be video clips
 - Real-time or recording schedule settings
 - Multi-classroom recording
 - Video saving setting
 - Record multi-objects e.g. desktop screens, videos, and audio
- Broadcasting and Receiving settings**
 - set up as a broadcasting or receiving mode
 - set up broadcasting signals from classrooms or conference rooms
 - Group broadcasting settings
 - Video and audio capture settings including resolutions and quality
 - Text message broadcasting to all rooms or certain groups.
- Effective teaching / meeting**
 - On-site teaching / meeting plan guidance
 - Vivacious group or meeting discussion
 - Enhance the learning / meeting interest
 - Get satisfied teaching / meeting results

COMPREHENSIVE I/O PORTS

Embedded both HDMI and VGA ports to allow the external devices to be connected to Internet and power supply



VISUALIZED BUTTONS

Adopting durable Film Buttons and large and clear icon buttons, which make teaching much easier and more convenient.



It's optional to purchase KZ-WM240U 2.4G Wireless Microphone which can be mixed with HDMI audio signals. Also, it is embedded Laser Pointer, PPT page control, and sound pick-up to allow users easily to operate.

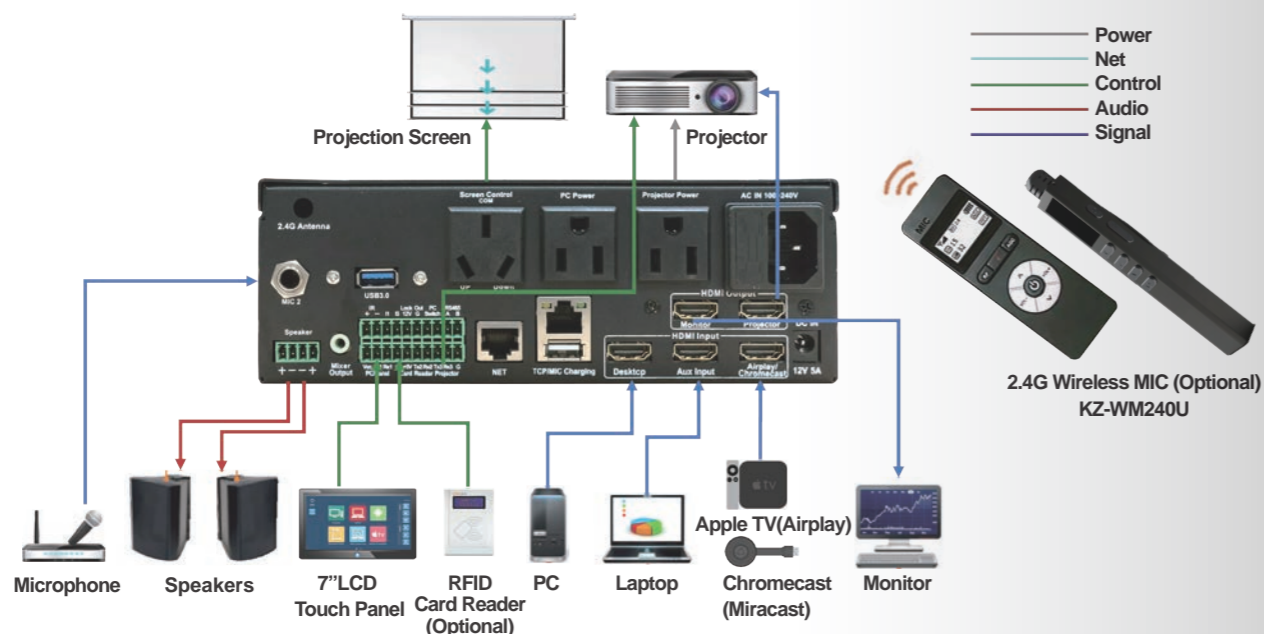
2.4G WIRELESS MIC



<or>

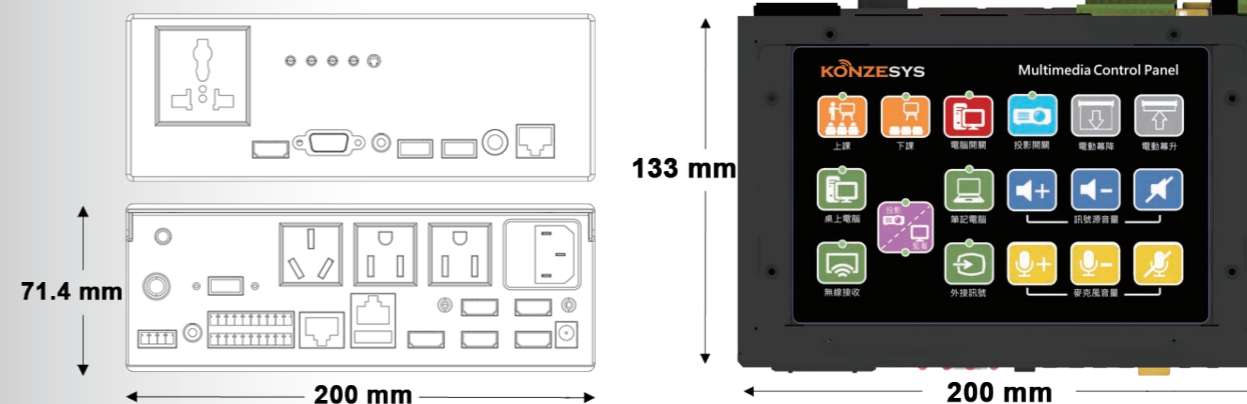
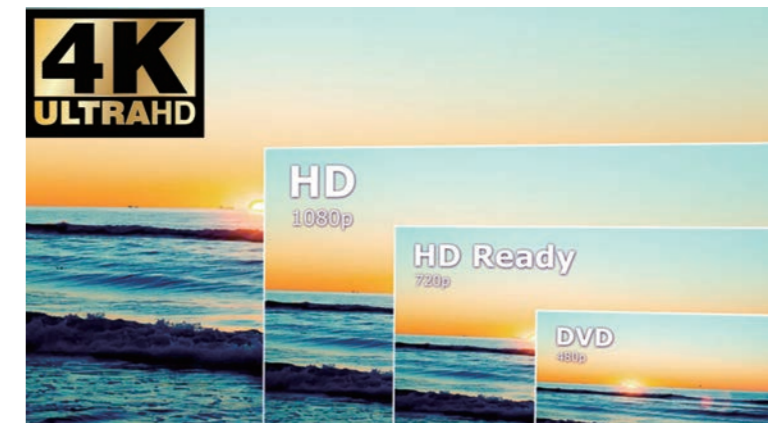


EASY CONNECTIONS



4K RESOLUTION SUPPORTED

Embedded UHD switch of 4 inputs and 2 outputs. Also, digital wireless sound pick-up microphone and HDMI audio mix-output modules are embedded.



Inputs / Outputs

- 4 HDMI inputs and 2 HDMI outputs, HDMI1.4 version with audio separation.
 - 4 inputs (4 HDMI ports; 1 VGA and audio input), 2 outputs in HDMI 2.0 version
 - Compliant with HDMI1.4 and HDCP1.4 standards.
 - Up to 4KX2K @30 Hz in HDMI input resolution
 - Up to 4KX2K @30 HZ HDMI output resolution
 - 3D format supported.
 - Supports CEC.
 - Up to 3.4Gbps and 4KX2K extended resolution formats in 3D videos
 - Adaptive equalization and de-emphasis to compensate for long cable losses.
 - ODT and calibration.
 - HDCP operation in hardware or optional software control
 - Pre-programmed HDCP key sets or key sets stored in external EEPROM.
- Embedded one USB3.0 switch hub, and set aside 2 sets of USB3.0 access sockets on the panel, directly connected to the computer with a USB3.0 at the rear panel.

Control

- 2 sets of RJ45 network interfaces, one on the front panel connected to the network port on the rear panel. The other one is for remote control.
- 3 RS232 and 1 RS485 serial ports can be integrated with third-party control systems.
- Computer power supply is linked with computer switch. When detected the computer is turned off, the central control system will be shut down after 3 seconds.
- Projector (LCD monitor) power can be set to switch delay on and off settings.
- There are 17 buttons on the membrane-type button panel, which can be used to control the computer, projector switch, electric screen lifting and stopping control, and four groups of signal switching buttons, microphone and input source can independently control the volume level and mute function.
- The main system can be connected to extension control panel, such as touch screen or other type of panel.
- Embedded projector RS232 control code transmission. Transmission protocol and codes can be customized.
- Embedded computer I/O switch trigger and boot detection.
- Embedded infrared IR control function. Infrared code learning function is enabled.

Audio

- 2 microphone inputs (6.3mm) in control of the panel
- Dual 50W digital power audio output.

Optional

- Optional Device: 2.4G Wireless Microphone is equipped a charging port, PPT slide control, and charging status observation function.
- Electric Lock Control (Optional)
- Optional RFID IC card plug-in card reader or NFC card reader, IC card swiping on/off functionality is supported.

* Specifications are subject to change.