

Video wall & Matrix KVM over IP system

Model:KH7000

Features

- Multi-in and multi-out remote KVM multi-computer manager.
- Support HDMI+USB mouse and keyboard+RS-232/485+IR signal+Audio over IP.
- Support Video Wall control with up to 16-windows per screen.
- Support KVM workstation with mouse&keyboard control.
- Resolution up to 1920 x 1080 60Hz.
- No server or control box needed in the system.
- Transmitter and Receiver are the same device, set by a DIP switch.
- Supports input sources preview and output preview.
- Through the extension of Gigabit IGMP network switch, it can reach multiple hosts to multiple console devices.
- Support POE and DC power supply.
- Support mouse cross-screen switching function, as long as you easily move the mouse across the boundary of the split screen, you can jump to other computer host screen control.
- Support sound loading input and sound separation independent output.
- Support arbitrary placement/zooming/overlaying of images on the screen.
- Support resolution down/up scaling.
- Support 0-second switching, no black screen trouble during switching, no delay and real-time switching, and the switching effect is smoother.
- Support control UI customizing.
- Can store up to 100 sets of scenes.
- Support APP and PC software, RS232, I/O, relay, RS485 control.
- Support background image and scrolling text, etc function.
- Support workstations content push and talking etc..

Specification

Model Name	KH7000
AV input	1 x HDMI input, 1 x HDMI loop output, Audio input
AV output	1 x HDMI output, Audio output
Control port	2 x USB2.0 Keyboard/Mouse, RS-232, RS-485, IR, RJ-45
Input resolution	1920 x 1080p 60Hz
Output resolution	1920 x 1080p 60Hz
Protocol Standard	Support HDMI1.4a, HDCP1.4
Transmission distance	130 meters, CAT6 cable lengths
Ethernet switch type	1G IGMP, recommended with POE
Multi-windowing	up to 16-image per screen
Cable length	Input and output can be connected to HDMI cables with a maximum length of 5 meters. If the length exceeds this length, it is recommended to use an extender to extend the distance.
Power supply	DC 12V Support standard POE function
Power Consumption	10W
Dimensions	160×102×26mm (LxWxH)
Weight	700g

Diagram

Diagram

