

## All-in-One Video Control Center

Model:KH7000\_Lite

### Features

- 4K distributed input and output over AV over IP system.
- Supports transmission of HDMI, Keyboard/Mouse, RS-232, Relay, I/O, RS-485, IR, and Audio signals over IP networks.
- Supports unlimited video wall configurations with flexible scalability.
- With simple configuration, each display supports multi-window functionality, allowing users to view up to 16 different signal sources on a single screen, significantly enhancing display efficiency.
- KVM workstation supporting mouse and keyboard control functionality.
- Resolution up to 3840 x 2160 30Hz.
- No server or control box required, ensuring simplified deployment and enhanced efficiency.
- This device integrates both transmitting and receiving functions, configured through software.
- Real-time preview of input and output signal images is available within the software to ensure accurate signal transmission and optimal display quality.
- By connecting to a Gigabit IGMP network switch, multiple host devices can be extended to multiple console devices.
- Supports two power supply options: Power Over Ethernet (POE) and Direct Current (DC) power.
- Supports audio input embedding and independent audio de-embedding output.
- The system supports resolution scaling, both down and up.
- Supports 0-second seamless switching with no black screen, no delay, and instant transitions, ensuring a smooth and natural switching effect.
- Supports customizable control UI for enhanced flexibility.
- Supports storage of up to 100 scene configurations.
- Supports PC software control, RS-232, I/O interface, relay, and RS-485 communication control.
- Supports OSD (On-Screen Display) and scroll text features for enhanced visual information presentation.
- Supports remote control of PCs and video walls via workstation for efficient centralized management.
- Integrates video wall splicing, multi-window display, matrix switching, and signal extension into a single solution.

## Specification

<b>Model Name</b>	<b>KH7000_Lite</b>
Front panel interface	Indicator light: PWR: power indicator, SYS: System indicator, LINK: LAN cable connection indicator, HDMI: HDMI signal status OLED Screen: Showing the Model, ID, IP, status
Back panel interface	2 x Type-A HDMI, 2 x Type-A USB Ports (for Keyboard, Mouse, or PC Host Connection), 1 x RS232 Phoenix Connector, 1 x RS485 Phoenix Connector, 1 x Replay Phoenix Connector, 1 x I/O Phoenix Connector, 1 x 3.5mm Audio In, 1 x 3.5mm Audio Out
Resolution	The input/output resolution supports 3840 x 2160 @30Hz, with backward compatibility for lower resolutions.
Transmission distance	Optimizing CAT6 Cable Lengths for 150 Meters.
Network Interface	1 x RJ-45 (PoE Supported)
Ethernet switch type	Recommended 1G IGMP Gigabit Switch with PoE
Protocol Standard	Support HDMI1.4b, HDCP1.4
The length of the connecting cable	Can be connected to a HDMI cable with a maximum length of 5 meters. If the length exceeds this length, it is recommended to use an extender to extend the distance.
Control Method	Third-Party Control via TCP/UDP, Windows PC Software and Android/iOS App
IP	Manually configured static IP address.
Power supply	DC 12V Support standard POE function
Power Consumption	10W
Dimensions	175 x 110.5 x 25mm ( LxWxH )

## Packaging contents

- 1 X KH7000\_Lite
- 1 X DC 12V adapter
- 1 X User manual

# Diagram

Support Matrix Switching, Video Wall, multiview and distributions Support POE .

