

## Large-Scale Multifunctional KVM Switch Solution

Model:KH7000\_Lite

### Features

- Scalable Multi-Computer Management Solution with remote KVM capabilities for flexible deployment.
- Comprehensive IP-based control solution supporting HDMI video, USB peripherals, RS-232/485 serial, IR signals, and audio, enabling centralized management and remote access.
- Delivers advanced video wall management with support for up to 16 simultaneous windows per display, ensuring high-performance and visually stunning results.
- Ideal for multitasking environments where users need to access multiple computers simultaneously, such as in control rooms, trading floors, or offices.
- Resolution up to 3840 x 2160 30Hz.
- Server-free and standalone operation: Our system eliminates the need for a dedicated server or control box, simplifying setup and reducing costs.
- Offers real-time preview of both input sources and output for accurate monitoring and configuration.
- Enables multi-host, multi-console connectivity through Gigabit IGMP network switching, facilitating efficient management and control.
- Support POE and DC power supply.
- Seamless cross-screen switching enabled by intuitive mouse navigation. Simply move your mouse across the boundary of the split screen to effortlessly transition control to another computer host.
- Support sound loading input and sound separation independent output.
- Offers dynamic resolution scaling to optimize display quality and performance across various devices and screen sizes.
- Enjoy a fluid and uninterrupted viewing experience with instantaneous switching and no black screen interruptions. Experience the difference with real-time signal transitions that eliminate delays.
- Support control UI customizing.
- Allows for quick recall of up to 100 pre-configured scenes, streamlining your workflow.
- Offers comprehensive control options, including dedicated mobile and desktop apps, RS232, I/O, relay, and RS485 interfaces.
- Offers customizable backgrounds, including image support, and dynamic content with scrolling text and more.
- Ensures compatibility with various IP-based surveillance systems by supporting ONVIF and RTSP standards.

## 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 @60Hz, 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 .

