

Multi-to-Multi Remote KVM Computer Manager

Model:KH7100

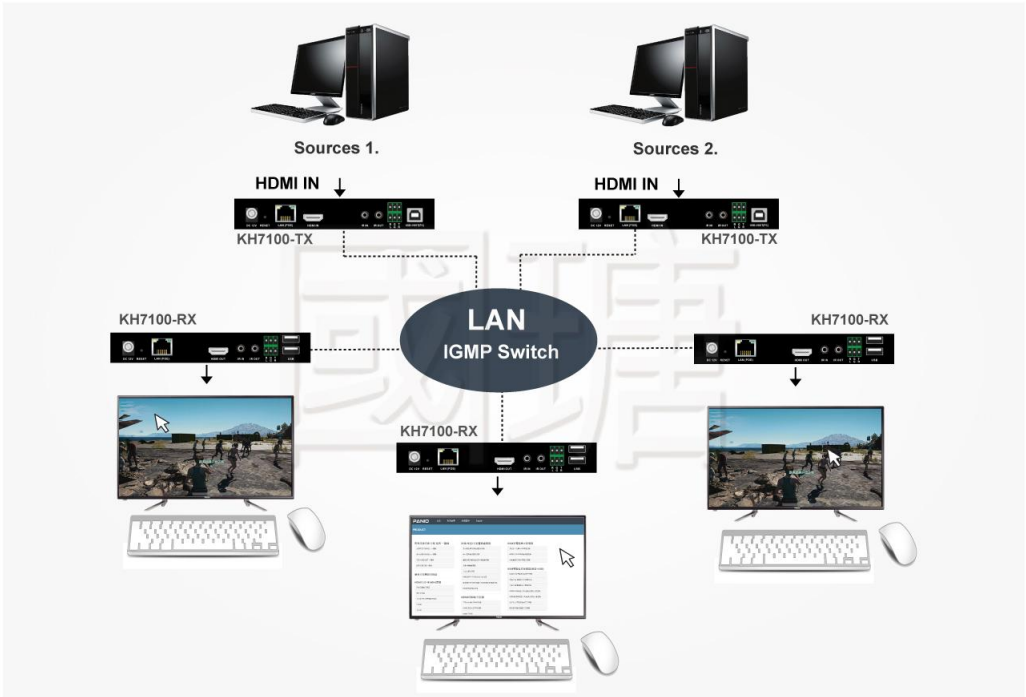
Features

- Ultra-Long Transmission Distance: Extends computer host signals up to 150 meters via network cable, unrestricted by distance.
- High-Quality Display: Supports resolutions up to 1920x1080 at 60Hz, delivering clear and detailed images.
- Multi-Functional Integration: Simultaneously transmits HDMI, USB keyboard and mouse, Audio, RS-232, and IR signals to meet various application needs.
- Gigabit IGMP Network Switch: Achieves multi-to-multi, one-to-multi, or multi-to-one remote control through a Gigabit network switch, flexibly configuring your system.
- Built-in HDMI Output on Computer Side: Allows easy connection to a monitor at the near end for monitoring or operation.
- Seamless Network Integration: Easily integrate your devices into existing networks supporting IGMP. Simply set the devices to the same IP segment for seamless interconnectivity.
- Professional-Grade Switching Device Supporting Seamless 0-Second Fast Switching.
- Power over Ethernet (PoE): Supports PoE for simplified power management and reduced cabling.
- Flexible Signal Switching: Easily switch between signal sources using the built-in OSD on the receiver, or use centralized management software for flexible allocation of computer resources to different users.
- Flexible Expansion Design: Users can purchase computer or receiver units as needed, reducing unnecessary equipment costs. The system supports configurations up to 255 x 255, offering high flexibility and scalability to meet various application requirements.
- Panel OLED Display: Features an OLED display to show IP address and other relevant information.

Packaging contents

- 1 X KH7100-T transmitter
- 1 x KH7100-R receiver
- 2 X 12V adapter
- 2 X IR cables
- 1 X User manual

Diagram



Specification

Model Name	KH7100
Transmitter port	1 x HDMI Input, 1 x USB Input, 1 x Audio Phoenix Terminal, 2 x IR Phoenix Terminals, 1 x RS-232 Phoenix Terminal, 1 x RJ-45 Output
Receiver port	1 x HDMI Output, 2 x USB Outputs, 1 x Audio Phoenix Terminal, 2 x IR Phoenix Terminals, 1 x RS-232 Phoenix Terminal, 1 x RJ-45 Input
Resolution	Maximum Resolution 1080P @60Hz
Transmission distance	For 1-in, 1-out setup: Signal transmission up to 150 meters via Cat6 cable. Using Giga Switch with IGMP enables expansion to multiple computer and control ends.
Cable length	Supports HDMI cables up to 5 meters (28AWG) at the input or output end. For longer distances, extenders are recommended to ensure stable signal and transmission quality.
Control method	Real-Time Hotkey Switching Technology.
Power supply	DC12V 1.5A Power Adapter
Dimensions	155 x 95 x 25 mm(LxWxH) Transmitter/Receiver