USB 3.0 KVM Extender

An ideal Dual 4K & USB 3.0 Extension Solution

HUV6602 connects two USB-C hosts to a remote workstation with dual 4K@60Hz HDMI displays, USB peripherals, Gigabit Ethernet, and audio. It extends connectivity up to 100 meters over a single CAT6A/CAT7 cable and includes a wired controller for host switching.



Features

- **Dual 4K@60Hz Uncompressed Extension** Supports two independent 4K@60Hz displays, providing professionals with the visual real estate needed for monitoring and creation with the same fluidity as a local connection.
- **Advanced KVM Control & Management** Integrates seamless keyboard, mouse, and audio connectivity, allowing administrators to maintain complete control over equipment from a remote workstation.
- **Industrial-Grade Stability** Engineered for harsh environments with robust EMI protection, ensuring uninterrupted signal integrity and reliable performance during 24/7 operations.
- **Single Cable 100-Meter Reach** Simplifies installation and reduces costs by using a single standard network cable for all signals. Features PoC (Power over Cable) to power the entire system.
- **Seamless Presenter Handover at Major Seminars** When the first speaker finishes, the next speaker is already prepared. With one click on the remote button, the stage display instantly switches from Host A to Host B.
- **Live Event & Control Room Redundancy** Connect both a primary system and a backup laptop in the control booth. If the main system fails, the operator can switch to the backup host in seconds.

Specifications

Model	HUV6602
Host / Upstream	
Host Interface	USB-C
Display	
Maximum Display	2 × 4K@60Hz
Legacy Video Port	2 × HDMI 4K@60Hz (2.0)
Max Resolution	2x 4K@60Hz
USB	
USB Downstream	2 × USB-A 10Gbps (TX), 1 × USB-C 5Gbps (RX), 2 × USB-A 5Gbps (RX)

Network	
LAN	1 × RJ45 (1GbE)
Power	
Power Supply	Host unit: DC 20V / 6.75A (135W); Device unit: DC 12V / 3A (36W)
Power Mode	Self-Power
PD Charging	60W
Extension	
Max Transmission Distance	100m
Extender Type	KVM Extender
Technology	HDBaseT 3.0
Connections	Host unit: 2 × USB-C upstream, 2 × USB-A downstream, 1 × RJ45 HDBaseT link; Device unit: 2 × HDMI 2.0, 1 × USB-C downstream, 2 × USB-A downstream, 1 × RJ45 LAN, 1 × RJ45 HDBaseT link
Extension Cable	CAT6A、CAT7
Audio & Other I/O	
Audio	3.5mm Stereo In/Out
General	
Data Rate	USB 3.2 Gen 1 (5Gbps)
Features	Audio, PD Charging