



GT-UHS-72 USB-C/HDMI Switcher

The GT-UHS-72 is a high-performance auto-switcher with one USB-C and two HDMI inputs, as well as an HDMI output. It enables seamless switching between connected USB peripherals, such as cameras and microphones, allowing the active USB host to utilize these devices. Designed for hybrid meeting environments, the GT-UHS-72 ensures smooth operation for both in-room and online participants, making it an ideal solution for modern collaborative spaces.

Feature:-

- **Hybrid-Meeting Collaborative Switching:** Allows seamless switching between AV and USB host inputs, enabling multiple meeting participants to share content with both in-room and online attendees in hybrid meeting environments.
- **BYOD Ease and Convenience:** Connect any-DP-Alt-Mode-capable USB-C device as a presentation source while providing USB 2.0 and Ethernet connectivity, along with up to 60W power delivery through a single USB-C cable.
- **HDMI Signal Switching:** Supports HDCP 2.3, deep color, x.v.Color, CEC, and uncompressed audio channels such as Dolby TrueHD and DTS-HD, with 2K, 4K, and 3D compatibility as per HDMI 2.0 standards.
- **USB 3.2 Switching:** Enables high-speed USB 3.2 switching for 4K cameras, audio devices, and HID peripherals such as mice and keyboards, ensuring smooth data connections during meetings.
- **HDMI Mirroring:** The active USB-C or HDMI input signal is mirrored to a loop output port, enabling easy local monitoring or the addition of another unit in a daisy chain.
- **Intelligent EDID Processing (I-EDIDPro):** Ensures seamless plug-and-play operation by intelligently handling EDID for connected devices.
- **Audio De-embedding:** Extracts the digital audio signal and converts it to an analog signal for output to professional audio systems while still playing it through the AV acceptor device's speakers.
- **Auto Switcher Ease of Use:** Automatically selects and plays the signal from the last-connected input, simplifying user operation.
- **Display On/Off Operation:** Automatically or manually powers on/off CEC-enabled or serially controlled displays when a source is plugged in or unplugged, with a configurable shut-down delay.
- **Simple Control:** Offers multiple control options, including IP remote connection, browser interface, local panel buttons, and contact-closure buttons for easy port selection and signal routing.

- **Built-in Intelligent Control Gateway:** Provides remote IP-driven control for connected AV, USB, and sensor devices via CEC, RS-232, IR, or I/O, reducing the need for external gateways and simplifying installation.
- **Secured Network Connection:** Ensures secure IT LAN connectivity with standard IT- grade 802.1x authentication.
- **Comprehensive Management:** Includes LED indicators for easy maintenance, as well as remote firmware updates and management through embedded web pages or site-wide management systems.
- **Easy and Elegant Installation:** Features PoE powering via LAN connection and a fan-less MegaTOOLS enclosure, which can be mounted under ceilings or in a rack for a streamlined setup.
- **Convenient Display Power Control:** Allows users to power on/off connected CEC-enabled displays with a simple button press, with LED indicators showing the display's power status.
- **Easy Online Meeting Integration:** Auto-disconnection of USB devices like cameras and soundbars ensures smooth transitions between BYOD presenters and online meeting systems for flexible and userfriendly hybrid session management.

Category	Specification
Inputs	1 DP Alt Mode & PD 3.0 USB-C: On a USB type-C female connector
	2 HDMI: On HDMI female connectors
Outputs	1 HDMI: On an HDMI female connector
	1 HDMI Loop: On an HDMI female connector
	1 Balanced Stereo Audio Line: On 5 –pin terminal block connector
	1 IR: On a 3.5mm mini jack for IR extension
Ports	1 USB 3.2 Host: On a USB –C female connector
	2 USB 3.2 Hosts: On USB –B female connectors
	4 USB 3.2 Devices: On USB type –A female connectors
	1 Ethernet: On an RJ-45 female connector for LAN connection
	1 RS-232: On a 3-pin terminal block

	2 GPIO: On a 2-pin terminal block
Video	Max Data Rate: 18Gbps bandwidth (6Gbps per graphic channel)
	Max Resolution: 4K@60Hz (4:4:4)
	Content Protection: HDCP 2.3
	HDMI Support: Deep Color, 3D, HDR as specified in HDMI 2.0b
USB Features	USB 3.2 Data Rate: Up to 10Gbps
	Integrated USB Hubs: 1
	Standards Compliance: USB 3.2 GEN 2, 2.0 and 1.1
Analog Audio	Max Output Signal Level: 14.5dBu
	Impedance: 500Ω
	Bandwidth: 20Hz—20kHz
	Crosstalk: -114dB
	THD + N: 0.005% @1kHz at nominal level
	S/N Ratio: 85dB, 20Hz — 20kHz
	Coupling: DC
Power	Power Adapter (Source): 20V DC: 6A (included)
	Note: For HW Rev 02 and higher, 20V PSU (included, replacing the 12V PSU)
	Consumption: 4.4A
	Max. Power: 84W
	Power Adapter (Optional): 12V DC 2A
	Consumption: 1.8A
	Max. Power: 22W
PoE	Consumption: 144mA
	Max. Power: 7.8W
USBC Charging	Max. Power: 60W (when powered with 20V power supply only)
	Compliance: PD 3.0
USB Device Charging	Max. Total Current: 2A

