

## DS-MPCS-UH04

### Ultra-high resolution broadcast control server

DS-MPCS-UH04 is a multimedia broadcast control server device, which is mainly used for splicing and synchronous broadcast control of super-large screen, super multi-screen and special-shaped screen scenes. With 8K hard decoding, scene pre-editing, virtual screen management, and pre-plan analysis Innovative technologies such as screen broadcast control and 4+1 synchronous splicing can easily realize the application of scenes such as medium and large stage performances and conference activities.



#### Features

- Support smooth playback of video images with a resolution of 7680×4320
- Support hardware decoding, super rendering capability, excellent playback performance
- Unlimited channels, automatic splicing and fusion
- Support geometric deformation function, showing the effect of creative display
- Support multi-connection, realize cascading of multiple devices with loading super large screen
- Support template saving and calling of screen management, convenient for on-site arrangement
- Support spout collection, realize interactive projection, interactive materials on the screen
- Built-in video transcoding tool, when there are problems with the video format and parameters, it can be directly opened for transcoding
- Pre-planned pre-editing playback control, which can edit the pre-plan without affecting the output
- Simulated screen layout management, split display port, special-shaped display
- Special effects superimposed to reshape the material, a variety of special effects can be combined arbitrarily
- Unlimited video layer playback control
- Pre-plan linkage in active and standby mode
- Supports automatic backup of project editing to prevent on-site accidents from causing project re-editing
- Support NDI network screen capture
- Support PPT special effect playback control, support webpage and streaming media playback
- Humanized neon lights on the rear panel, rendering the atmosphere and illuminating the interface at the same time
- Arbitrary layout of function window modules, can save multiple layouts
- Material tree structure, plan group jump, time cropping, shortcut keys and other convenient functions
- Screen clone, material playback is fully synchronized
- Control command supports remote command control under UDP protocol
- Support linkage control with splicer and console to realize scene switching



## Technical Parameters

### output port

DP-OUT X 4	Max 3840×2160@60Hz
DVI-MONITOR	Max 1920×1080@60Hz
audio	3.5mm audio output port

### control port

USB3.0 X 6	USB control port
RJ45(1000M)	Gigabit control network port

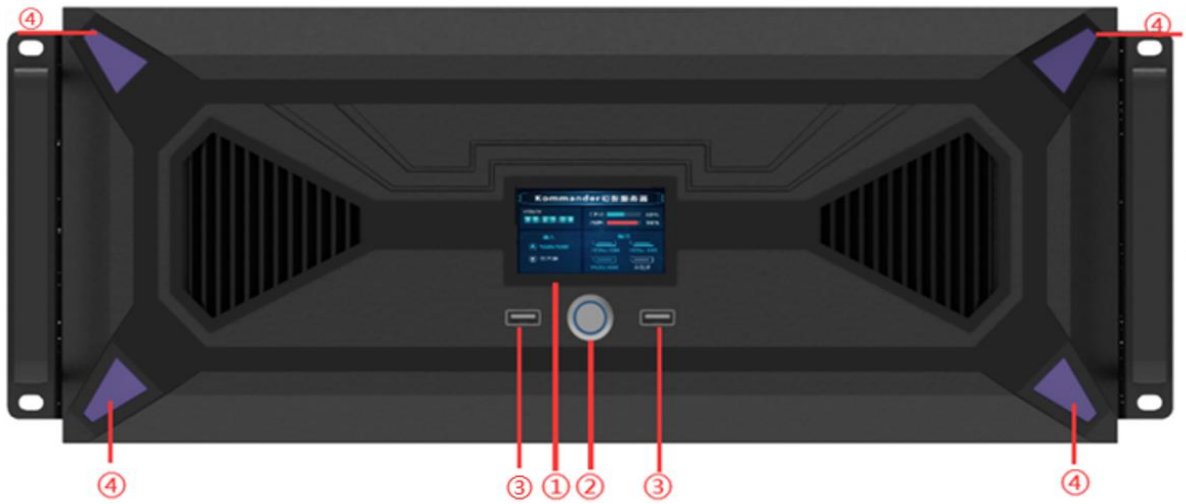
### Hardware configuration (standard configuration)

processor	Intel (intel) Core 6-core 6-thread processor (i7-10700);
motherboard	ASUS High Performance Motherboard
Memory	DDR4 2400 16G high-speed memory
hard disk	512G M.2 high-speed solid-state drive
graphics card	5G memory discrete graphics card (Quadro P2200)
power supply	Standard 4U server-grade power supply and chassis

### Machine specification

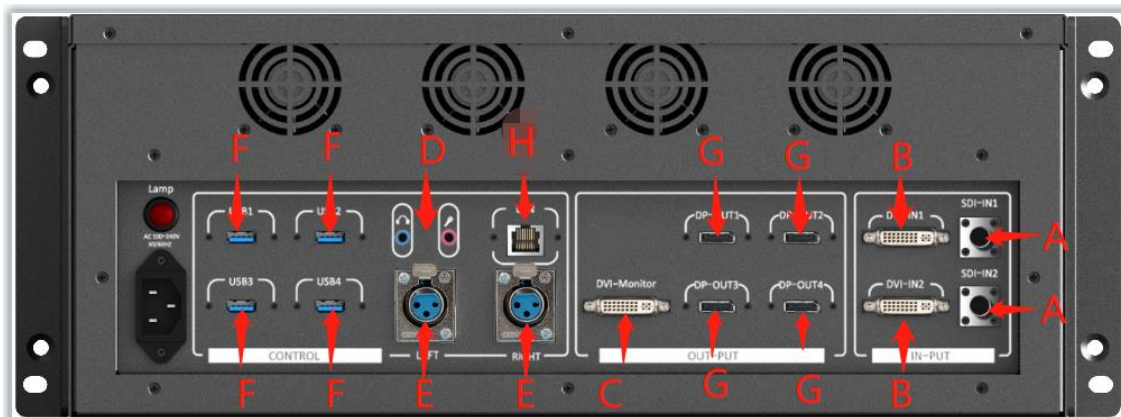
input power	100-240V AC~50/60Hz 0.6A
Operating temperature	0-45°C
Dimensions	482 (W) ×177.6 (D) ×450 (H) mm

## Front Panel Port Descriptions



NO	Function Description
①	Full-color LCD performance monitoring screen
②	switch button
③	USB3.0 interface
④	Front panel ambient light

## 2.2、Rear Panel Port Descriptions



### Input port (optional)

No.	Type	Quantity	Specifications
A	SDI	2	MAX 1080P@60Hz
B	DVI	2	MAX 1080P@60Hz

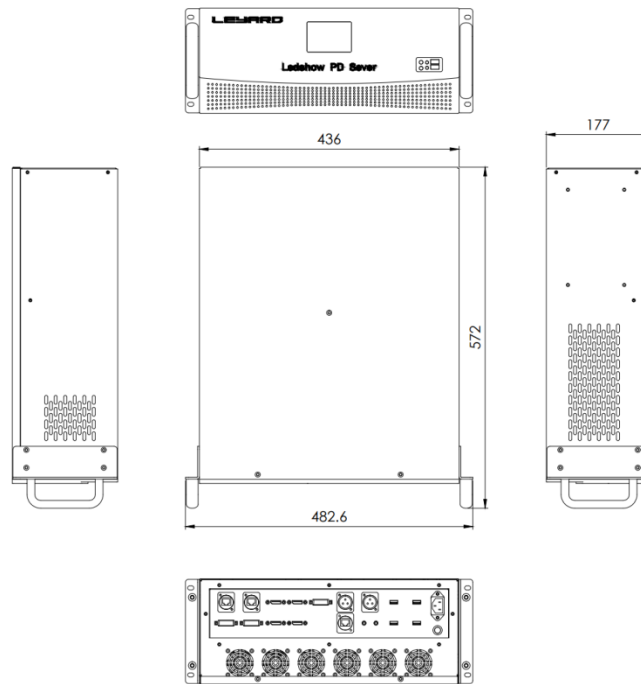
**output port**

No.	Type	Quantity	Specifications
C	DVI-Monitor	1	Max1920×1080@60Hz
D	AUDIO	1	microphone input
E	AUDIO	2	Canon audio output, built-in isolation
G	DP	1	Max 3840×2160@60Hz

**control port**

No.	Type	Quantity	Specifications
H	RJ-45	1	1000M
F	USB	1	USB3.0×4

## Dimensions



models  
DS-MPCS-UH04L

