CS4K Pro

Media Server

Specification V1.1

Contents

Version	Release Date	Description
V1.0	Feb, 2021	Initial release.
V1.1	Aug, 2022	Added packing list.

Overview

CS4K Pro is a professional media server with powerful playback and control capabilities, high stability, and great scalability. Based on robust hardware, it is optimized for media playback of two 4K videos. With the built-in GrandShow, a professional playback and control software, the server is capable of decoding and playing different formats of contents. Specially, various styles of screens can be realized, such as screen split, special-shaped screen splicing and recombination, etc. In addition, other features are also supported including multi-scene preset, and seamless switching between scenes, and more. All these capabilities and functions can greatly meet the demands from the video playback and control.
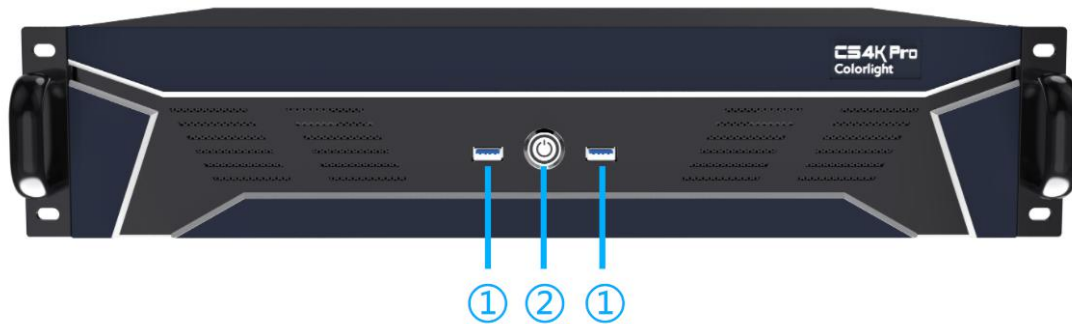
Features

- Supports 2x DP1.4 outputs
- Supports up to 8192×2160@60Hz pixel-to-pixel display
- Supports playing various contents such as videos, images, PPT files, texts, etc.
- Supports edit, preview, switching, saving, and copying of multiple scenes.
- Supports functions such as freeze, background image display and scene switching
- Supports screen split and recombination for resolution within 8192×2160 to achieve the display on ultra-long screens
- Supports display content rotation at any angle and color adjustment
- Supports PVW mode for program edit and PGM mode for output contents monitoring
- Supports capturing of NDI or capture card
- Supports decoding and playback of HDR video
- Supports system restoration
- Supports time-limited authorization (custom)
- Supports timed power on or off, as well as automatic scene touring
- Supports Pad control for visualized operations, such as screen monitoring and scene switching
- Supports control via third party devices for scene switching, screen adjustment and volume adjustment, etc.
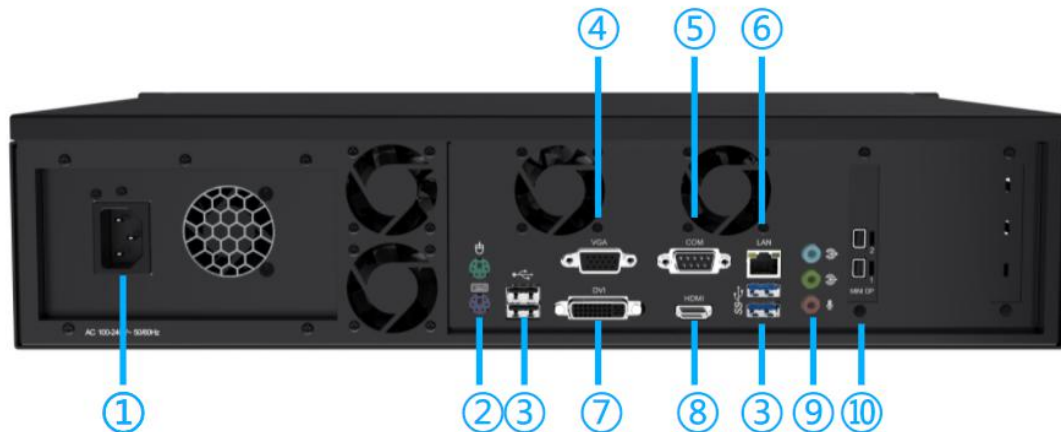
Application scenarios

8192×2160@60Hz

CS4K Pro

MOV PPT JPG
MP3 FI GIF

Video,image,GIF,
FLASH,audio,
PPT,etc.

Camera

Dongle   Laser pointer

Hardware

Front

No.	Item	Description
1	USB port	2×USB 3.0 ports.
2	Power switch	Power on or off.

Rear

No.	Item	Description
1	AC 100-240V	AC power port
2	PS/2	1x PS/2 keyboard port (purple), 1×PS/2 mouse port (green)
3	USB	2x USB 3.0 ports (blue), 2x USB 2.0 ports
4	VGA	1x VGA output port
5	COM	1x COM port
6	RJ45	1x LAN (RJ45) port
7	DVI	1x DVI output
8	HDMI1.4	1x HDMI 1.4 output
9	Audio	3.5mm audio input and output port

10	Mini DisplayPort 1.4	2x Mini DisplayPort 1.4 outputs

Device specification

Model		CS4K Pro
Chassis		2U
Operation interface port		1x HDMI1.4/1x DVI (up to 3840×2160@30Hz)
Operation System		Windows 10 Professional
CPU		Intel® 6 cores, 12 threads
RAM		16G
SSD		500G M.2 high speed SSD
Video capture card（optional）		SDI, DVI port
Graphics card		Quadro® professional Graphics
Video output		2x Mini DisplayPort 1.4
Maximum resolution		8192 x 2160@60Hz
Audio		3.5mm audio input and multichannel output
Network bandwidth		1000M
Software		GrandShow
Operating environment	Temperature	0℃~45℃/32°F~113°F
	Humidity	10%RH~80%RH, non-condensing
Storage environment	Temperature	0℃~50℃/32°F~122°F
	Humidity	10%RH~90%RH, non-condensing
Electrical specification	Power supply	AC 100-240V, 50/60Hz
	Power	165W
Physical specification	Net weight	7.14kg/15.74lbs
	Dimensions (W×H×D)	482.6mm×98.0mm×391.7mm

Dimensions

Unit: mm

Tolerance：±0.1mm

Chassis:

482.6 ±0.1mm

76.2 ±0.1mm
98.0 ±0.1mm

462.3 ±0.1mm

440.0 ±0.1mm

358.0 ±0.1mm

391.7 ±0.1mm

461.3 ±0.1mm
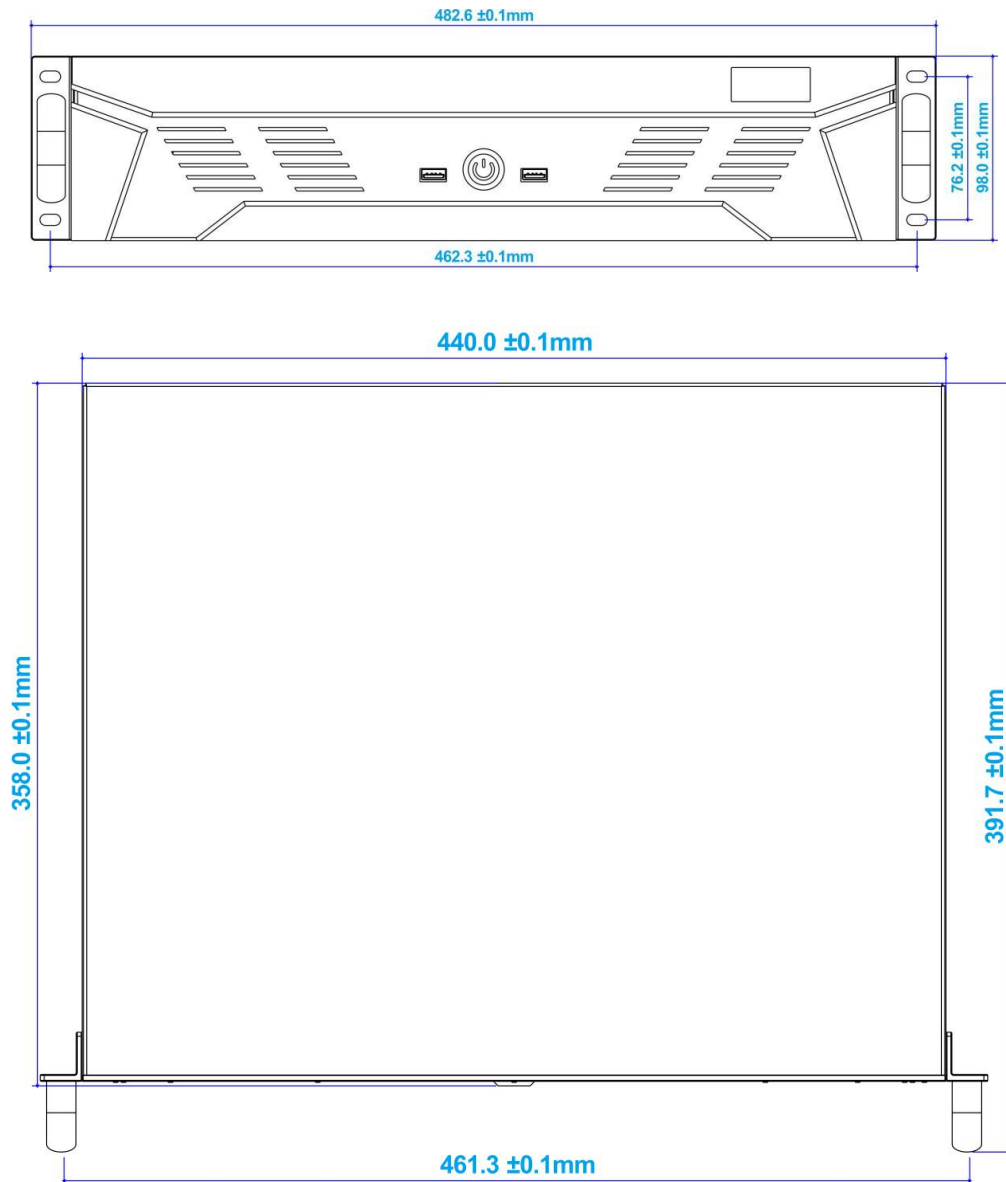
Packing List

No.	Name	Qty.
1	CS4K Pro Media Server	1PCS
2	GrandShow software kit	1PCS
3	DP cable	2PCS
4	HDMI cable	1PCS
5	Power cord	1PCS
6	Keyboard and mouse kit	1PCS
7	DP to DVI connection cord	2PCS
8	Product Certification	1PCS
9	Warranty card	1PCS

Legal notice

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