

# GrandShow EE

Playback and Control Software Kit (4K)

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Specification V1.1



# Colorlight

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## Overview

GrandShow EE is a professional multimedia playback and control software designed by Colorlight. It is capable of decoding and playing resources in different formats. It also supports splitting, synchronizing, and splicing screens. It features unlimited layers and scenes as well as seamless switching. Working with CS series multimedia servers, GrandShow meets the demands of the video playback and control sector with higher performance.

## Features

- A load capacity of 9.4 million pixels with unlimited windows.
- Play the videos, pictures, PPTs, texts, webpages, streaming media, and other resources.
- Edit, preview, switch, save, and copy the scenes.
- Freeze the image, show background picture, and switch between scenes.
- Decoding and playback of 10-bit HDR videos.
- Support creative display, including image rotation, ultra-long display, irregular screen splicing, and irregular screen splitting.
- Real-time monitoring of the system running status. Alarms for the device failure and resource exceptions.
- Preview the playback contents and monitor the output image in real time.
- Play 100 scenes and more (extendable).
- Software and hardware decoding and playback.
- Quick control through the external MIDI controller.
- Receive NDI signal.
- Primary and backup redundancy in the multi-server environment.
- Scheduled boot and shutdown; automatic scene loop.
- Display images and switch between scenes with tablet applications.
- Central control protocol for switching between scenes, playing images, and adjusting volume.
- Timeline playback for organizing programs. Customize an effect and set its duration.
- Performance monitoring for viewing performance usage and playback log.
- Schedules for command execution, including software boot/shutdown/reboot, server shutdown/reboot, play, pause, and stop.
- Support window effects, including color wheel, feather, spherize, invert colors, kaleidoscope, keying, marquee, mask options, mosaic, night vision, relief, sharpen, flicker, and vortex.
- Support transitions, including fade in, fade out, right to left, left to right, bottom to top, top to bottom, smog, and fire.

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## Applications



## Software Interface



## Accessories



**Dongle:** USB interface for software authentication.



**USB flash drive:** Include GrandShow CE installer.

## Hardware Recommendations

Recommended	CS-series server
Operating system	Windows 10 Pro
CPU	4-core 8-thread, 4.2GHz frequency or higher
Memory	8GB DDR4 or above
Hard disk	250GB SSD or above
Network	1000MB

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