

# GrandShow EE

Playback and Control Software Kit (2K)

---

Specification V1.1



# Colorlight

---

## 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 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 2.35 million pixels with unlimited windows.
- Play the videos, pictures, PPTs, texts, webpages, streaming media, and other resources.
- Group, 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.

# Colorlight

## 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

## Statement

Copyright © 2024 Colorlight Cloud Tech Ltd. All rights reserved.

Without the express written permission of Colorlight Cloud Tech Ltd., no unit or individual may copy, copy, transcribe or translate part or all of the contents of this book. Not to be used for any commercial or profit-making purposes in any form or by any means.

**Colorlight**® The logo is a registered trademark of Colorlight Cloud Tech Ltd.

Without the written permission of the company or the trademark owner, no unit or individual may in any way or for any reason use, reproduce, modify, disseminate, transcribe or infringe all or any part of the above-mentioned trademark, nor may it be bundled with other products. Use sales.

As factors such as product batches and production processes may change, in order to provide accurate product information, specification parameters, and product characteristics in order to match the actual product, the text description and picture effects in the document will be adjusted and revised appropriately. If it is necessary to carry out the above modification and adjustment without prior notice, please refer to the actual product.

Welcome to choose to use the products of Colorlight Cloud Tech Ltd. If you have any questions or suggestions in use, please contact us through official channels, we will try our best to support and listen to your valuable suggestions. For more information and updates, please visit the official website [www.colorlightinside.com](http://www.colorlightinside.com) or scan the QR code.

Service Phone

**4008 770 775**

### **Colorlight Cloud Tech Ltd**

Official Website: [www.colorlightinside.com](http://www.colorlightinside.com)

Head Office Address: Room 37F-39F, Building 8, Zone A,  
Shenzhen International Innovation Valley, Vanke Cloud City,  
Nanshan District, Shenzhen, China

