



Manuals.plus /

› Brightsign /

› BrightSign HD225 Digital Signage Appliance User Manual

Brightsign HD225

BrightSign HD225 Digital Signage Appliance User Manual

Model: HD225

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your BrightSign HD225 Digital Signage Appliance. The HD225 is designed for robust digital signage applications, supporting 4K60p video with HDR, HTML5 content, and versatile I/O options.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the device. Failure to do so may result in damage to the device or personal injury.

- Ensure proper ventilation around the device to prevent overheating.
- Do not expose the device to moisture or extreme temperatures.
- Use only the power adapter supplied with the device.
- Avoid placing heavy objects on the device.
- Disconnect power before cleaning or performing maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BrightSign HD225 Digital Signage Appliance
- Power Adapter
- Quick Start Guide (not included in this manual)

4. SETUP

4.1 Device Overview



Figure 1: BrightSign HD225 Digital Signage Appliance. This image shows the top-down view of the compact blue and black unit, highlighting its sleek design.

4.2 Connecting the Device

Follow these steps to connect your BrightSign HD225:

1. **Connect to Display:** Use an HDMI cable to connect the HD225's HDMI output port to your display device (monitor, TV, projector).



Figure 2: Front and side view of the BrightSign HD225. This image highlights the HDMI output port and other front-facing connections.

2. **Connect to Network:** For network content updates and remote management, connect an Ethernet cable from your network router/switch to the Ethernet port on the HD225.



Figure 3: Rear view of the BrightSign HD225. This image displays the various input/output ports, including the Ethernet port, GPIO, and audio jacks.

3. **Connect Power:** Plug the provided power adapter into the DC IN port on the HD225, then plug the adapter into a

power outlet. The device will power on automatically.

4. **Insert Storage (Optional):** If using an SD card for content, insert it into the designated slot.

5. OPERATING THE DEVICE

5.1 Content Playback

The BrightSign HD225 supports a wide range of content formats for digital signage. Once configured with content via BrightAuthor or BrightSign BSN.cloud, the device will automatically begin playback.

Key features include:

- **4K60p Video with HDR:** Delivers stunning ultra-high-definition video quality.
- **HTML5 Support:** Enables dynamic and interactive content, including animating dashboards connected to live data systems.
- **Standard I/O:** Features GPIO (General Purpose Input/Output), IR (Infrared), and Ethernet for versatile connections and interactions.
- **Supported Video Containers:** .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPEG.

5.2 Network Connectivity

The Ethernet port allows for network-based content updates, remote device management, and integration with content management systems. Ensure your network settings are correctly configured for seamless operation.

6. MAINTENANCE

6.1 Cleaning

To clean the device, disconnect it from power. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.

6.2 Firmware Updates

Periodically check the BrightSign website for firmware updates to ensure optimal performance and access to new features. Follow the instructions provided with the firmware update package.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| No video output | Loose HDMI cable; Incorrect display input; Device not powered on. | Check HDMI connection; Select correct input on display; Verify power connection. |
| No network connection | Loose Ethernet cable; Network configuration error. | Check Ethernet cable; Verify network settings in BrightAuthor/BSN.cloud. |
| Content not playing | No content loaded; Incorrect content format; SD card issue. | Ensure content is published to device; Check content format compatibility; Reinsert/replace SD card. |

8. SPECIFICATIONS

Brand: Brightsign

Model: HD225

Resolution: 3840x2160 (4K)

Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, .MJPG

Connectivity Technology: Ethernet, USB

Connector Type: Ethernet, USB

Controller Type: Button Control

Compatible Devices: Computers, Monitors, Other Display Devices

Item Weight: 2.48 pounds

Product Dimensions: 7.32 x 8.07 x 0.76 inches

UPC: 854529008210

Manufacturer: BrightSign

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official BrightSign website or contact their customer service. Protection plans may be available for extended coverage.

Online Resources: www.brightsign.biz