

# BRIGHTSIGN LS

## SIGNATURE BRIGHTSIGN RELIABILITY. AFFORDABLE ENTRY-LEVEL PERFORMANCE.

BrightSign's fully featured commercial-grade player provides a far superior alternative to the consumer devices sometimes chosen for price-sensitive installations. Based on the award-winning BrightSign HD platform, BrightSign LS delivers our signature reliability and affordability. A robust feature set, including H.265 and Full HD video decoding, entry-level HTML5 performance, USB 2.0 (type C), and networking, is provided in a very small form factor.



### BrightSign LS424 Entry-Level Media Player



The small form, commercial-grade BrightSign LS424 is fully featured to run circles around the competition. Network connected and featuring H.265 and 1080p60 video playback, entry-level HTML5 support and USB (type C) interactivity, this model is perfect for simple streaming applications and large deployments of common content.

## Features

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |
| 1080p60<br>single decode                                                            | H.265                                                                               | Entry-Level<br>HTML5                                                                | IP Streaming                                                                        | BrightBeacon™                                                                       | BrightWall™                                                                           | AutoWall™                                                                             | Zones                                                                                 |
|  |  |  |  |  |  |  |  |
| Interactive                                                                         | Live Feeds                                                                          | Geo-Fencing                                                                         | Tagging                                                                             | BrightSign<br>App                                                                   | Sign Preview                                                                          | Remote<br>Snapshot                                                                    | B-Deploy                                                                              |

## SPECIFICATIONS

| MODEL                                                                                                                                                                                                                                                                                                              | LS424           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| VIDEO ENGINE DECODER                                                                                                                                                                                                                                                                                               |                 |
| Single 1080p60 video decoding                                                                                                                                                                                                                                                                                      | X               |
| MEDIA FORMATS                                                                                                                                                                                                                                                                                                      |                 |
| Video Codecs: H.265, H.264(MPEG-4, Part 10), MPEG-2, MPEG-1                                                                                                                                                                                                                                                        | X               |
| Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts                                                                                                                                                                                                                                                               | X               |
| Images: BMP, JPEG, PNG                                                                                                                                                                                                                                                                                             | X               |
| Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)                                                                                                                                                                                                                                                              | X               |
| HTML5                                                                                                                                                                                                                                                                                                              | X (Entry-level) |
| DISPLAY RESOLUTIONS                                                                                                                                                                                                                                                                                                |                 |
| 1920x1200, 1920x1080x24/25/29.97/30/50/59.94/60p, 1920x1080x50/59.94/60i, 1600x1200x60p, 1440x1050x60/75p, 1440x900x60/75p, 1360x768x60p, 1280x1024x60/75p, 1280x960x60p, 1280x800x60p/75p, 1280x768x60p, 1280x720x50/59.94/60p, 1024x768x60p, 800x600x60/75p, 720x576x50p/50i, 720x480x59.94/60p/60i, 640x480x60p | X               |
| HARDWARE INTERFACES                                                                                                                                                                                                                                                                                                |                 |
| External micro SD Slot (SDHC and SDXC); SDHC storage up to 32GB SDXC storage up to 2TB                                                                                                                                                                                                                             | X               |
| USB High Speed Host Port (also supports content updates)                                                                                                                                                                                                                                                           | X (Type C)      |
| Analog Stereo Audio (requires USB adapter cable)                                                                                                                                                                                                                                                                   | X               |
| HDMI 1.4a Out                                                                                                                                                                                                                                                                                                      | X               |
| Ethernet (100 base T)                                                                                                                                                                                                                                                                                              | X               |
| M.2 (E) Keyed Wi-Fi/Bluetooth Connector                                                                                                                                                                                                                                                                            | X               |
| Wi-Fi External Antenna Connector (optional)                                                                                                                                                                                                                                                                        | X               |
| Status LEDs                                                                                                                                                                                                                                                                                                        | Power           |
| Reset and Service Buttons                                                                                                                                                                                                                                                                                          | X               |
| FEATURES                                                                                                                                                                                                                                                                                                           |                 |
| H.265 Decoding: smaller file sizes and lower bitrates than H.264                                                                                                                                                                                                                                                   | X               |
| HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly alongside high-bandwidth video                                                                                                                                                                                                        | X (Entry-level) |
| BrightBeacon™: 2-way Bluetooth/Beacon communication between mobile devices & signage (requires: wireless/Bluetooth module)                                                                                                                                                                                         | X               |
| BrightWall™: synchronized playback across multiple displays                                                                                                                                                                                                                                                        | X               |
| AutoWall™: embraces the power of HTML5 to create unique multimedia video walls                                                                                                                                                                                                                                     | X               |

| MODEL                                                                                                              | LS424                                       |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Zones: playback multiple content types on a single screen                                                          | X                                           |
| IP Streaming: play streaming media                                                                                 | X                                           |
| Interactivity: trigger playback from virtually any type of interactive device via a multitude of interactive ports | X (USB, UDP)                                |
| Live Feeds: Live Data, Live Text, MRSS, Twitter, Flickr, etc.                                                      | X                                           |
| Tagging: BrightSign Network users can assign media and player tags for highly targeted content distribution        | X                                           |
| BrightSign App: update signs with an iOS device                                                                    | X                                           |
| Geo-Fencing: trigger playback based on location (requires USB dongle)                                              | X                                           |
| Sign Preview: preview presentation playback in BrightAuthor                                                        | X                                           |
| Remote Snapshot: remotely view a snapshot image of the display's playback                                          | X                                           |
| Networking: update, manage and schedule your signage                                                               | X                                           |
| B-deploy: A setup feature to deploy many players at once                                                           | X                                           |
| SOFTWARE                                                                                                           |                                             |
| Free BrightAuthor Software                                                                                         | X                                           |
| BrightSign Networking Options                                                                                      | X                                           |
| ACCESSORIES                                                                                                        |                                             |
| USB Button Pads                                                                                                    | X                                           |
| Wireless/Bluetooth Module                                                                                          | X                                           |
| MicroSD Class 10 Cards (various capacities)                                                                        | X                                           |
| MISCELLANEOUS                                                                                                      |                                             |
| Dimensions (W x H x D)                                                                                             | 96.8 x 23.7 x 144.3mm or 3.8 x 0.9 x 5.7 in |
| Weight                                                                                                             | 5.6 oz                                      |
| Power                                                                                                              | 5V/2A (10 Watts) USB compatible power       |
| Multi-Country Power & Regulatory Approvals                                                                         | X                                           |
| Built-in Wall Mounting Brackets                                                                                    | X                                           |
| 1 year warranty, parts and labor                                                                                   | X                                           |