



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

SPECIFICATIONS

| MODEL | LS424 |
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| 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 |

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|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| AutoWall™: embraces the power of HTML5 to create unique multimedia video walls | X |
| 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 |

