

# 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 digital signage media player.



### BrightSign LS423

#### Entry-Level Media Player



The small form, commercial-grade BrightSign LS423 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



H.265



1080p60  
single decode



Entry-Level  
HTML5



IP Streaming



BrightBeacon™



BrightWall™



Zones



Interactive



Live Feeds



Geo-Fencing



Tagging



BrightSign  
App



Sign Preview



Remote  
Snapshot



BrightPlates™



100base T  
Networking



B-Deploy

## SPECIFICATIONS

MODEL	LS423
<b>VIDEO ENGINE DECODER</b>	
Single 1080p60 video decoding	X
<b>MEDIA FORMATS</b>	
Video Codecs: H.265, H.264(MPEG-4, Part 10), MPEG-2, MPEG-1	X
Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts, .wmv	X
Images: BMP, JPEG, PNG	X
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X
HTML5	X (Entry-level)
<b>DISPLAY RESOLUTIONS</b>	
1920x1080x24/25/29.92/30/50/59.94/60p, 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
<b>HARDWARE INTERFACES</b>	
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 Audio Out via USB (with dongle)	X
HDMI 2.0a Out	X
Ethernet	X
M.2 (E) Keyed Wi-Fi/Bluetooth Connector	X
Wi-Fi External Antenna Connectors	X (Single)
Status LEDs	Power
Reset and Service Buttons	X
Real Time Clock	X
<b>FEATURES</b>	
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	X
BrightWall™: synchronized playback across multiple displays	X

MODEL	LS423
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
BrightPlates™: easy template-based sign creation service	X
Networking: update, manage and schedule your signage	X
B-deploy: A setup feature to deploy many players at once	X
<b>SOFTWARE</b>	
Free BrightAuthor Software	X
BrightSign Networking Options	X
<b>ACCESSORIES</b>	
USB Button Pads	X
Wireless/Bluetooth Module	X
MicroSD Class 10 Cards (various capacities)	X
<b>MISCELLANEOUS</b>	
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