BrightSign® LS5

Remarkable performer for essential signage needs

BrightSign LS5 is an exceptional signage performer for essential signage needs with exceptional video quality, core motion graphics capabilities, and flexible USB engagement.

Dynamic Backdrops

Enhanced visual ambiance.

- Flawless video playback
- Full HD or 4K model options
- Flexible network options

Digital Menus

Embellish offerings with animations.

- Engaging widgets & animations
- Quick media & text updates
- Effective live tickers & weather

Engaging Kiosks

Self-serve ordering or exploration.

- Intuitive touch interactions
- Informative digital audio prompts
- Efficient remote player controls

Product Spotlights

Dynamic showcases that boost sales.

- Eye-catching dynamic visuals
- Effective content zone controls
- Trusted CMS and POS integrations

LS425
Basic I/O Package

Flawlessly runs Full HD video and core motion graphics with flexible USB engagement.

LS445
Basic I/O Package

Advances video capabilities to stellar 4K resolution.

The BrightSign LS5 Advantage

- Enhance visual messaging with flawless video playback and streaming
- Draw attention with captivating animations and timely live content that gets results
- Boost engagement with essential interaction options and immersive audio cues
- Confidently function around the clock with uninterrupted wired, wireless and mobile network options
- Operate with unparalleled reliability, security, and sustainability on BrightSignOS™
- Reduce total cost of ownership with complimentary remote player management and controls
- Achieve CMS choice flexibility with a trusted global network of leading integrated partner solutions

BrightSignOS™
The power of purple.

The only purpose-built operating system that brings unrivaled reliability, security, signage power and sustainability to every BrightSign player.

SECURE

Unrivaled security that reduces risk to near zero with purpose-built file system designed to remove vulnerabilities and only runs signage.
- Exceptionally protected operating system with a secure digital signature
- Runs a singular signage application to protect against viruses
- Configurable to any type of security profile
- Security extends to integrated CMS solutions

RELIABLE

Legendary reliability with unmatched uptimes and a lower total cost of ownership.
- Persistent self-healing protocols resulting in unmatched uptimes
- Secure built-in remote player management and monitoring
- Remote diagnostics and controls to reduce costly on-site visits
- Removable storage that avoids rip/replace situations

SUPERIOR

Superior signage performance for simple to sophisticated experiences.
- Optimized to run cutting-edge video and motion graphics
- Abundant signage features available with free authoring software
- Integrated with hundreds of global CMS solutions
- Highly extensible to securely run specialized signage technologies

SUSTAINABLE

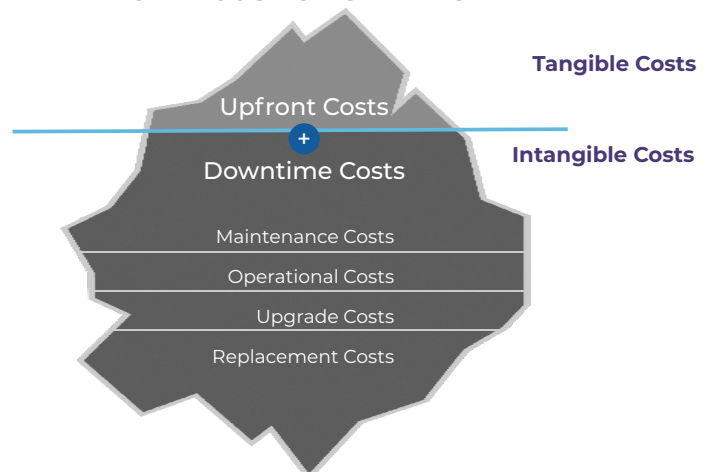**Unmatched sustainability** through updates that stay ahead of market demands.
- Low power requirements with high performance
- Guaranteed long life cycle support for unprecedented longevity
- Free updates applied on-demand and consistent across hardware generations
- Remote re-provisioning at any time to ensure flexibility

Invest in BrightSignOS to achieve long-term success
Designed to reduce risk and save on signage.

Downtime is the most expensive investment in signage that often gets overlooked. Failure doesn't happen at implementation, it happens after. BrightSignOS™ is designed to solve and mitigate ongoing risks to avoid rip and replace situations resulting in huge savings throughout the long life of your player.

TOTAL COST OF OWNERSHIP

Upfront Costs
+
Downtime Costs

Tangible Costs

Intangible Costs

Maintenance Costs
Operational Costs
Upgrade Costs
Replacement Costs

Hardware Specifications

Front View

MicroSD

Audio (3.5mm)

USB-C

Status LED

Wi-Fi Antennas

Rear View

SVC & Reset

HDMI 1 (2.0a)

Locking Power (12v/1.5A)

10/100 Ethernet

E Key M.2 for optional WD-105 module

- USB Type C port: The USB-C port supports both device and host mode, and supports custom cable solutions such as USB-C to GPIO cable, USB-C to USB-A and 3.5 serial cable, and USB-C to IR
- Audio port: supports analog & SPDIF digital
- Real time clock: 14-day life

Software

BSN.cloud
The secure and scalable cloud infrastructure that connects BrightSign players to a comprehensive suite of integrated services to manage devices, content, and networks.

bsn. Control
Free remote access and control service for BrightSign players, offering efficient multi-device monitoring and management while seamlessly integrating with your preferred CMS.

Integrated CMS Choices
Unmatched freedom of choice with a trusted global network of integrated solutions that seamlessly support BrightSign players and the bsn.Control service.

bsn. Content
Paid subscription-based service for content management and distribution with multi-device monitoring, controls, and advanced networking tools using BrightAuthor:connected to administer large deployments in the cloud.

BSN.Cloud
bsn.Control bsn.Content

Technical Specifications

	LS425	LS445
I/O Package	Standard	Expanded
VIDEO & HTML5 ENGINES		
4K video decoding		X 8-bit at 60p 10-bit at 30p
Full HD at 60p video decoding	X	X
HD Image & Graphics	X	X
HTML5 Performance	Popular HTML widgets & simple motion graphics	
HTML support: HTML5, and simple motion graphics	X	X
MEDIA FORMATS		
4K Video codecs: H.265, H.264		X H.265 at 60p H.264 at 30p
4K Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG		X
Full HD Video Codecs: H.265/HEVC, H.264/AVC, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video	X	X
Full HD Video Containers: MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	X	X
Images: BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
DISPLAY RESOLUTIONS		
Supports all common screen resolutions	HD	4K
Supports additional & customizable display resolutions with unique aspect ratios	X	X
ACCESSORIES		
BP200 & BP900 USB Button Pads	X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X
MicroSD Class 10 Cards (various capacities)	X	X
BrightSign Mobile USB Modem & Service	X	X
MISCELLANEOUS		
Operating Temperature Range	0°C to 50°C	
Dimensions (W x D x H)	126.6 x 141.84 x 19.41 mm(WxDxH)	
Player Weight	0.18 kg	
Locking Power Supply	12V / 1.5A	
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting	X	X
1 Year Warranty, parts and labor*	X	X
MSRP	$300	$400

*2 year warranty, parts and labor, for units shipped from an EU or UK distribution center and to an EU or UK address.

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