BrightSign®

THE GLOBAL MARKET LEADER IN DIGITAL SIGNAGE PLAYERS

EVERYTHING YOU NEED FOR SOPHISTICATED DIGITAL SIGNAGE

Powerful Performance And Reliability

Designed exclusively for digital signage, BrightSign's slim OS delivers superior signage capabilities and exceptional 4K and Full HD video quality with a solid-state platform you can depend on. This PC-less solution delivers the absolute highest standard of reliability and affordability. Plus, our green, energy-efficient device consumes less power to help keep operating costs down.
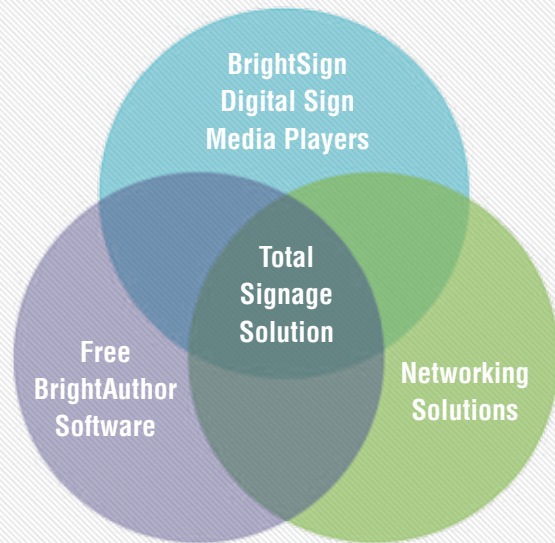
Easy To Use, Sophisticated Features

True 4K and Full HD playback, 4K upscaling, dual video decoding, HTML5, Live TV, live feeds, video walls, IP streaming and IP streaming server, sign preview and a wide array of interactive options. With BrightSign, you get dynamic results without difficulty. Bypass the digital signage learning curve completely with BrightSign's abundant, easy-to-use features and simple presentation creation tools for building multi-screen video walls, multi-zone screen layouts and more. Hook your audience with dynamic content integration and engaging interactive controls. BrightSign's abundance of sophisticated features means that you'll be limited only by your imagination.

All Inclusive Options

All BrightSign models include free BrightAuthor software, providing an easy way to create and publish presentations using an intuitive drag and drop interface. Our network-enabled models include free networking solutions as well as options for measurement and feedback reports, content management and network administration tools. With a wide range of networking options and feature-rich software available in multiple languages, BrightSign offers the best-equipped signage solution on the market today.

BrightSign
Digital Sign
Media Players

Total
Signage
Solution

Free
BrightAuthor
Software

Networking
Solutions

EXCEPTIONAL CAPABILITIES.
INFINITE POSSIBILITIES.

Powerful Video Engine
Advanced video engine with superior scaling technology and uncompromised decoding power to play native 4K video or two Full HD videos simultaneously.

Native 4K Playback
BrightSign 4K plays H.265-encoded 4K video files at 3840x2160 resolution via HDMI 2.0 at 60 frames per second.

4K Upscaling
BrightSign 4K and XD players use superior scaling technology to upscale 1080p content to sharp 4K resolution.

Live TV
Bring Live TV to your signage using BrightSign's ATSC/Clear QAM tuner* or HDMI input. Even protected HDCP content can be played.

HTML5
Build engaging content using familiar development tools. Layer HTML5 assets and high-bandwidth Full HD video for flawless playback on our hardware-accelerated HTML5 engine.

Touch and Swipe
Add the popular swipe screen control to your digital signage presentations.

Digital Sound
Add crystal clear audio to your presentations via SPDIF output for pure digital surround sound.

IP Streaming
Supports buffered playback of Full HD videos, MJPEG and audio streams in all common formats: HLS, UDP/RTP/RTSP, HTTP, SHOUTcast, etc.

IP Streaming Server
Serve video streams from BrightSign XD's local storage to devices on the same local area network.

DVB is not supported

BrightWall™
Easily create video walls using this powerful drag-and-drop BrightAuthor tool that uses a common clock to achieve frame-accurate synchronization.

Zones
Playback multiple content types and multiple videos on a single screen using zones – even play video and audio playlists independently from a single player.

Interactivity
Trigger playback from virtually any type of interactive device including barcode scanners, motion sensors, RFID, GPIO, USB button controls, touch screens, mice and much more.

UDP Control
Interact with signage via mobile devices, deliver emergency messaging, integrate with databases, show controllers, etc.

Live Feeds
Instantly display updated content and live feeds without republishing the presentation using Live Data, Live Media, MRSS, Twitter, Flickr feeds and more.

Geo-Fencing
Play content targeted to the current location of your moving digital signage using a USB GPS dongle.

BrightSign App
Easily update messaging and interact with locally networked signage using your iPad or iPhone. Change user variables and trigger UDP events for instant signage updates.

Sign Preview
Get a sneak peek of how your signage will display by viewing your presentation playback in BrightAuthor.

Networking
BrightSign's multiple networking options make it easy to update content, playback live content, monitor players and manage signage remotely.

BRIGHTSIGN 4K
ULTRA HD. ULTRA RELIABLE.

Introducing the leading technology for true 4K playback. BrightSign's ultra-reliable, fan-less, solid-state, commercial 4K digital signage media player plays H.265-encoded 4K video files at 3840x2160 resolution via HDMI 2.0 at 60 frames per second.

4K242 Networked Basic Interactive Player

Powerful 4K video engine capable of dual 4K and Full HD decoding, abundant content support including HTML5, networking and interactivity via UDP and GPIOs.

4K1042 Networked Multi-Control Interactive Player

All the features of the 4K242 plus S/PDIF output for pure digital surround sound audio and a diverse range of interactive controls such as GPIO, serial, USB and UDP, for engaging interactive displays.

4K1142 Networked Multi-Control Interactive and Live TV Player

Includes all the features BrightSign 4K offers plus Live TV playback via the HDMI input so you can play content from any broadcast channel – even protected HDCP content.

BRIGHTSIGN XD

PC-CLASS PERFORMANCE.
ENGAGING SOPHISTICATION.

State-of-the-art technology includes an advanced video decoding engine with superior scaling technology that is capable of decoding two 1080p60 videos simultaneously. BrightSign XD brings Live TV to your signage using an ATSC/Clear QAM tuner or HDMI input. The ATSC tuner is used to play cable TV or closed circuit TV broadcasts, and the HDMI input to play any broadcast content – even HDCP protected content. All models include a hardware-accelerated HTML5 rendering engine for flawless playback of multiple modular HTML5 assets which can also be layered along with Full HD video playback.

XD230 Networked Interactive Player

Powerful video engine capable of dual Full HD 1080p60 video decoding and simultaneous content playback from local, networked and streaming sources. Abundant content support including HTML5. UDP network control for messaging between BrightSign and third-party devices.

XD1030 Networked Multi-Control Interactive Player

All the features of the XD230 plus S/PDIF output for pure digital and surround sound audio, and a diverse range of interactive controls such as GPIO, serial, USB, UDP and mobile devices for engaging interactive displays.

XD1230 Networked Multi-Control Interactive and Live TV Player

Includes all the features BrightSign offers plus Live TV playback, so you can play content from any broadcast channel (even HDCP protected content) via the HDMI input and content from cable TV or closed circuit TV broadcasts via the ATSC/Clear QAM tuner.

BRIGHTSIGN HD
AFFORDABLE MEDIA PLAYERS DEPLOY WITH EASE AND OPERATE WITH CONFIDENCE

The original BrightSign HD models are based on advanced technology that delivers highly reliable performance at a very affordable cost. Customers enjoy a powerful media-handling platform along with BrightSign's signature ease of use for simple plug and play content, robust interactive kiosks and dynamic live content features. BrightSign HD models support a wide variety of applications from stand-alone displays to networked solutions with engaging interactivity.

HD120 Basic Interactive Player
Bring your stand-alone display to life with our most affordable, Full HD solution that offers simple GPIO interactivity and our signature ease-of-use and integration.

HD220 Networked Interactive Player
Enjoy easy, networked content updates and live data feeds along with flawless video playback, UDP support and Ethernet synchronization.

HD1020 Networked Multi-Control Interactive Player
Engage your audience with a wide range of interactive options using GPIO, USB, serial and UDP commands, while delivering networked content for a truly impressive display.

BRIGHTSIGN AU320
Commercial Audio Distribution
Based on the BrightSign HD platform, the BrightSign AU320 is a commercial audio distribution and management system for music and messaging; easily synchronized with digital signage installations for a compelling audio/video experience.

FUTURE PROOF YOUR SIGNAGE
BY CHOOSING BRIGHTSIGN

BrightSign is the right choice now, and into the future. The powerful BrightAuthor content creation and management software is continually updated so you'll never be stuck with a product that isn't keeping pace with current market demands.

Sign Preview

BrightAuthor provides the ability to preview signage presentations so the author can see exactly how they will appear on-screen prior to publishing the presentation.

BrightWall™

BrightWall™ lets you easily create impressive and vibrant video wall displays using a simple, yet powerful drag-and-drop interface. This BrightAuthor tool uses a common clock to achieve frame-accurate synchronization across any number of displays.

FREE BRIGHTAUTHOR SOFTWARE
EASY CREATION, PUBLISHING & MANAGEMENT OF PRESENTATIONS

BrightSign's free BrightAuthor PC application takes the guesswork out of creating, previewing, publishing and managing presentations. It offers complete access to all BrightSign features and functionality and provides an intuitive interface and set of tools to implement them into your presentations.

Create

Design HD and 4K presentations with any number of zones to build looping or interactive playlists.

- Enjoy intuitive visual tools to support any number of zones, dual video playback, HTML5 content, Live TV, streaming media, images, live media feeds and more.

- Simple drag and drop of content into playlists builds looping displays effortlessly.

- Use simple interactive widgets to trigger content playback from a touch, button push, sensed motion, mobile command, barcode scan and more.

- Add swipe interactivity via HTML5 content.

- Use BrightWall™ to easily create video wall presentations across multiple displays.

- Synchronize playback across multiple displays for video wall applications or between zones for coordinated content playback.

Preview

- Preview your presentation before publishing using the Sign Preview function.

- Speed up presentation authoring by reviewing how your signage will display.

Publish

Create a complete presentation packet that's ready to distribute and playback on BrightSign devices.

- Intuitive calendar scheduling and day-parting tool.
- Automatically builds and packages content, playlists and controls to ensure a flawless presentation.
- Effortless distribution of presentations to memory cards or a network location.
- Publish once, yet update often - dynamic playlists let you independently refresh a set of content without republishing the entire presentation.

Network

Access your BrightSign Network account to distribute, manage and monitor your presentations, networked units and content library remotely.

- Secure logon automatically configures access to network account capabilities based on user assigned permissions.
- Conveniently monitor and manage the activity and status of players remotely.
- Easily distribute presentations across a multitude of players and network groups.
- Remotely host and manage your content library.

BRIGHTSIGN NETWORKING SOLUTIONS

BRIGHTSIGN NETWORK

BrightSign Network is an affordable, secure and scalable cloud-based digital signage network service. It delivers the complete infrastructure to serve, manage and support your digital signage network and frees you from the complexities of hosting and maintaining your own network. BrightSign Network provides you with the tools and interface to:

- Remotely and securely update content, firmware, presentations and schedules.
- Divide players into groups for ease of management.
- Monitor and manage the activity and status of displays.
- Perform network administrator functions.
- Assign user roles and permissions for conditional access.

BRIGHTSIGN NETWORK ENTERPRISE EDITION

Created for organizations that must ensure the security of their data by maintaining their own private network, this packaged version of the BrightSign Network is available to qualified customers.

- Host your own n etwork to manage BrightSign units.
- Manage your network within the security of your own server and firewall.
- Use all the features of BrightSign Network.

Recommended for large networks with special hosting requirements, and a dedicated IT staff with advanced skills.

BrightSign Network Access

Access the BrightSign Network using two applications – the desktop-based BrightAuthor software and the browser-based BrightSign Network Web UI.

BrightAuthor   Web UI

FREE NETWORKING SOLUTIONS

Our free networking solutions are ideal for managing a small number of players in basic, low maintenance situations where simplicity is key.

Local Network Publishing

- Distribute presentations to BrightSign units through a local network.
- Convenient for managing a small number of players without an Internet connection.

Simple File Networking

- Distribute presentations to BrightSign units through a web folder accessible via http.
- Convenient for managing a small number of players beyond the limited area of a local network.

BRIGHTSIGN HD/XD/4K COMPARISON TABLE

MODEL	HD120	HD220	HD1020	XD230	XD1030	XD1230	4K242	4K1042	4K1142
VIDEO ENGINE PROCESSOR									
DRAM		256 MB			1 GB			2 GB	
VIDEO ENGINE DECODER									
Decodes @ 25 Mbit/s	X	X	X	X	X	X	X	X	X
Dual decoding of two 1920x1080@60p videos simultaneously				X	X	X	X	X	X
Dual decoding of one 3840x2169@60p and one 1920x1080@60p videos simultaneously							X	X	X
MEDIA FORMATS									
Video Codecs supported for Full HD content: MPEG-1, MPEG-2, H.264, WMV	X	X	X	X	X	X	X	X	X
Video Codec supported for 4K/UHD content: H.265							X	X	X
Video Containers: MPEG-2 transport and program streams, AVCHD/BDAV, ASF, MP4	X	X	X	X	X	X	X	X	X
3D capabilities with side-by-side and top-over-bottom support				X	X	X	X	X	X
Images: BMP, JPEG, PNG	X	X	X	X	X	X	X	X	X
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X	X	X	X	X	X	X	X	X
HTML5 Support				X	X	X	X	X	X
DISPLAY RESOLUTIONS*									
PAL/NTSC	X	X	X	X	X	X	X	X	X
Native 4K resolutions: 3840x2160x24/25/30/50/60p							X	X	X
1920x1080x24/25/29.92/30/50/59.94/60p, 1920x1080x50/59.94/60i, 1360x768x60p, 1280x800x60p, 1280x768x60p, 1280x720x50/59.94/60p, 1024x768x60/75p, 800x600x60/75p, 720x576x50p, 720x480x59.94/60p, 640x480x60p	X	X	X	X	X	X	X	X	X
Upscaling to: 3840x2160x24/25/29.97/30p				X	X	X	X	X	X
1600x1200x60p, 1440x1050x60/75p, 1440x900x60/75p, 1280x1024x60/75p, 1280x960x60p, 1280x800x75p,				X	X	X	X	X	X
HARDWARE INTERFACES									
Locking Power Connector				X	X	X	X	X	X
SD Slot for SDHC and SDXC; Storage via SDXC (up to 2TB)	X	X	X	X	X	X	X	X	X
Internal MicroSD Slot				X	X	X	X	X	X
mSATA							X	X	X
USB High Speed Host Port			X		X (2 ports)	X (2 ports)		X (1 port, USB 3.0)	X (2 ports, USB 3.0)
GPIO Port (8 bi-directional)	X		X	X	X	X	X		
RS-232 Serial Port			X		X	X		X	X
3.5mm Analog Stereo Audio Out	X	X	X	X	X	X	X	X	X
S/PDIF Out					X	X		X	X
3.5mm IR Out				X	X	X	X	X	X
HDMI Out	X	X	X	X	X	X	X (HDMI 2.0)		
VGA Out (Component Video, Composite/S-Video)	X	X	X	X	X	X			

MODEL	HD120	HD220	HD1020	XD230	XD1030	XD1230	4K242	4K1042	4K1142
RF Input** and HDMI Input						X			X (HDMI in only)
Ethernet 10/100		X	X	X	X	X	X	X	X
Status LEDs	Power, Error, Busy, Update			Power, Error, Update, Network, Wi-Fi, Ethernet, Micro SD, SD			Power, Error, Update, Network, Wi-Fi, Ethernet, Micro SD, SD		
Reset Button	X	X	X	X	X	X	X	X	X
FEATURES									
Powerful Video Engine: dual decoding and superior scaling				X	X	X	X	X	X
Native 4K Playback of H.265 3820x2160x60p via HDMI 2.0							X	X	X
4K Upscaling: upscale 1080p content to sharp 4K resolution				X	X	X	X	X	X
Live TV: ATSC/Clear QAM Tuner (RF In)** and HDMI Input						X			X (HDMI in only)
HTML5: play modular HTML assets flawlessly with our hardware-accelerated HTML5 engine				X	X	X	X	X	X
Swipe: popular swipe screen interactivity					X	X		X	X
Zones: playback multiple content types on a single screen	X	X	X	X	X	X	X	X	X
BrightWall™: synchronized playback across multiple displays		X	X	X	X	X	X	X	X
Interactivity: trigger playback from USB, GPIOs, serial ports	X (GPIO only)		X		X	X	X (GPIO only)	X	X
UDP Control: interact with signage using networking		X	X	X	X	X	X	X	X
Live Feeds: Live Text, Live mRSS, Twitter, Flickr, etc.		X	X	X	X	X	X	X	X
BrightSign App: update signs with an iOS device		X	X	X	X	X	X	X	X
Geo-Fencing: trigger playback based on location				X		X	X		X
IP Streaming: play streaming media		X	X	X	X	X	X	X	X
IP Streaming Server: serve IP streams from BrightSign's local storage				X	X	X	X	X	X
Sign Preview: preview presentation playback in BrightAuthor	X	X	X	X	X	X	X	X	X
Networking: update, manage and schedule your signage		X	X	X	X	X	X	X	X
Usage tracking statistics and real time clock	X	X	X	X	X	X	X	X	X
Content Update via USB				X	X	X		X	X
SOFTWARE									
Free BrightAuthor Software	X	X	X	X	X	X	X	X	X
BrightSign Network and Web UI		X	X	X	X	X	X	X	X
ACCESSORIES									
USB Button Pads			X		X	X		X	X
Wireless Module				X	X	X	X	X	X
SDHC Class 4 Cards (various capacities)	X	X	X						
SDHC and MicroSD Class 10 Cards (various capacities)				X	X	X	X	X	X
MISCELLANEOUS									
Dimensions	125 x 32 x 137mm (W x H x D) or 4.9 x 1.3 x 5.4 in. (W x H x D)			168 x 42 x 149mm (W x H x D) or 6.6 x 1.7 x 5.9 in. (W x H x D)			168 X 69X 149mm (W x H x D) or 6.6 x 2.7 x 5.9 in. (W x H x D)		
Weight	471 grams or 16.6 oz			669 grams or 23.6 oz			793.8 grams or 28 oz		
Power	5V / 3A			12V / 3A			12V / 5A		

* Not all video modes are supported for both HDMI and VGA outputs   **DVB is not supported

"BrightSign players were selected for their price, ease of use and product quality. Features that influenced CubeSmart to expand their signage solution to over 350 locations included the great touchscreen interface, high-quality content playback, and the networking features that simplified changing content."

Kirk Vanderleest, Flixio Vice President, National Accounts

"With its extremely reliable and feature-rich solid-state media players, BrightSign has reached a milestone in the digital signage industry by allowing system integrators to offer powerful and cost-effective digital sign solutions to retailers as never before."

Michel Baronnier, CEO of TMM Communication

"Using BrightSign as our menu board presentation has allowed for more flexibility in flavor changes, pricing updates and layout redesigns. We've also been able to completely eliminate daily specials menu board signage that was previously used to communicate seasonal offerings and other limited-time promotions."

Simon Simonian, Argo Tea's Director of IT and one of its founders

BrightSign®

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