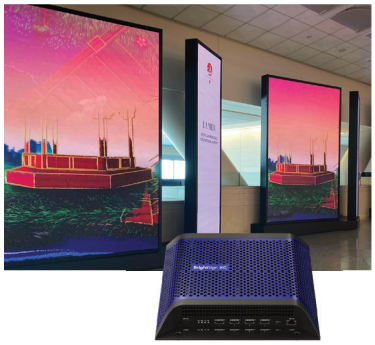
BRIGHTSIGN XC5

REVOLUTIONARY PERFORMANCE ACROSS MULTIPLE SCREENS

BrightSign XC5 is in a category of its own that outperforms signage PCs with ease. Two models offer differing levels of HTML5 performance, both offer stunning 8K and a complete set of connectivity options. From 4-screen video walls to blazing-fast 3D Web GL applications, XC5 does it all. Crafting video wall and multi-screen presentations are significantly streamlined with multi-output players and our BrightWall feature. With multiple HDMI outputs, stellar HTML5 performance and stunning 8k video, XC5 is the most powerful player BrightSign has ever created.



Features

- Revolutionary HTML5 performance
  - Discover ultra-smooth motion graphics rendered at incredibly high framerates
  - Interact with highly responsive multi-touch HTML5 animations
  - Runs intense CSS animations, 3D WebGL & JavaScript
  - Experience significantly accelerated content load times
- Streamline video walls & multiple screens with a single multi-output player
- Offers stunning 8K video & graphics
- Performs hardware accelerated 4K video rotation
- Runs BrightSign OS to boost reliability, security & uptimes

XC2055

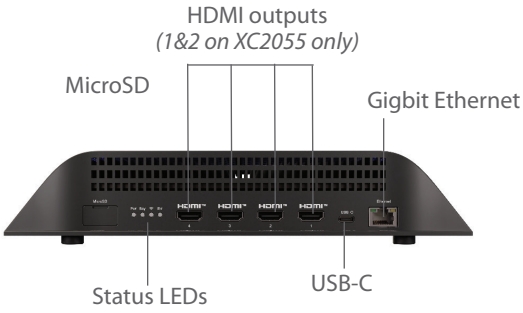
PC-class HTML5 Performance

DUAL OUTPUT | ELITE HTML | 8K ULTRA HD 60P, 8-BIT

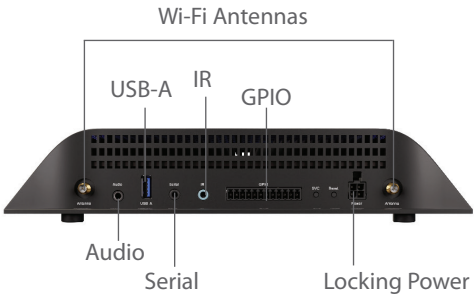
XC4055

2x the HTML5 Performance of the XC2055

QUAD OUTPUT | ELITE+ HTML | 8K ULTRA HD 60P, 10-BIT



Front View



Rear View

SPECIFICATIONS

MODEL	XC2055	XC4055
VIDEO & HTML5 ENGINES		
Single 8K60p video decoding	X (8-bit)	X (10-bit)
4K60p video decoding	Dual (10-bit)	Quad (10-bit)
HDR10, HLG & Rec.2020/BT.2020 Support	X	X
4K video rotation	X	X
8K Full Resolution Graphics	X	X
HTML5 Performance	Expert PC class power	Elite 2x more powerful than XC2055
HTML: Full OpenGL Support	X	X
MEDIA FORMATS		
HTML5: .html, Chromium-based, CSS, JavaScript, WebGL	X	X
8K video codecs: H.265	X	X
8K Video Containers: .ts, .mov, .mp4, .mkv	X	X
4K Video codecs: H.265, H.264	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv	X	X
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X
Images: BMP, JPEG, PNG up to 8K resolution	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
DISPLAY RESOLUTIONS		
Supports all common screen resolutions up to 8K (7680x4320 @60fps)	X	X
Supports customizable display resolutions with unique aspect ratios	X	X
HARDWARE INTERFACES		
HDMI outputs	2	4
HDMI 1 Out	X (HDMI 2.1a)	X (HDMI 2.1a)
HDMI 2 Out	X (HDMI 2.0a)	X (HDMI 2.0a)
HDMI 3 Out	Not Applicable	X (HDMI 2.0a)
HDMI 4 Out	Not Applicable	X (HDMI 2.0a)
HDMI inputs	Not Applicable	Not Applicable

MODEL	XC2055	XC4055
USB Type C port: supports high-speed host mode & provides 5V/1A power to peripheral devices	1	1
USB Type A port: provides 5V/1A power to peripheral devices	1	1
12-pin Phoenix GPIO port with 8 bi-directional GPIOs	X	X
3.5mm RS-232 Serial Port	X	X
3.5mm IR In/Out	X	X
3.5mm Audio Out (analog & SPDIF digital)	X	X
Gigabit Ethernet	X	X
Primary Storage: External micro SD slot protected by a new tool-less cover	X	X
Optional Storage: M.2 PCIe for NVMe SSD	X	X
Optional Wi-Fi/Bluetooth: E Key M.2 Interface only for WD-105 module	X	X
4 Status LEDs	X	X
Reset and Service Buttons	X	X
Real Time Clock 14-day life	X	X
Locking Power Connector	X	X
SOFTWARE & SERVICES		
Free BrightAuthor:connected Software	X	X
BSN.cloud	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
256GB PCIe NVMe M.2 SSD	X	X
MISCELLANEOUS		
Power Supply	19V / 4.7A	
Dimensions (W x D x H)	253.2 x 232.12 x 48mm	
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting	X	X
1 Year Warranty, parts and labor*	X	X

**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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BRIGHTSIGN XD5

DESIGN FOR HTML ANIMATIONS

The XD5 supports the demands of modern digital signage. It's built to display dynamic HTML5 animations, live data, and sophisticated multi-touch gestures like swiping, pinch, and zoom. The updated architecture takes video to the next level by adding 4k graphics and High Dynamic Range. With Power Over Ethernet (PoE+), self-encrypting SSD functionality, and a thin enclosure the XD5 simplifies and safeguards future deployments like never before. BrightSign XD5 gives you powerful HTML5 & 4K performance with room to grow.

FEATURES

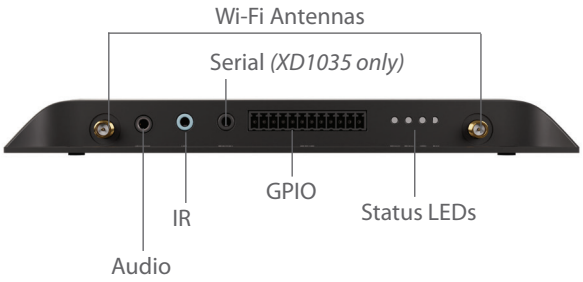
- Optimized for smooth & responsive HTML5 animations including live data and multi-touch gestures
- Delivers the most 4K support with 4K60p, HDR10+ video, and 4K graphics
- Streamlines integrations with PoE+
- Includes 2 USB ports (Type A & C) for more peripheral device support with tracking of interactive usage data
- Integrates with partner solutions for audience measurement, analytics & monetization solutions
- Operates in tight & extreme conditions with its ultra-thin design & patented aluminum enclosure
- Runs BrightSign OS to boost reliability, security & uptimes

XD235

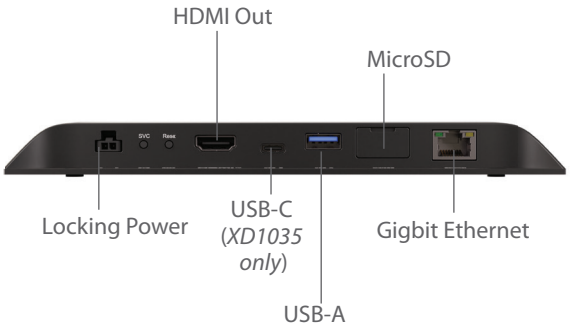
Standard I/O Package

XD1035

Expanded I/O Package



Front View



Back View

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SPECIFICATIONS

MODEL	XD235 Standard I/O	XD1035 Expanded I/O
VIDEO & HTML5 ENGINES		
4K60p video decoding	X (10-bit)	X (10-bit)
Full HD video decoding	X	X
4K image and motion graphic support	X	X
Dual HD video decoding	X	X
HDR10 and HLG	X	X
Supports customizable display resolutions with unique aspect ratios	X	X
HTML5 performance level	Enterprise	
MEDIA FORMATS		
4K Video codecs: H.265 at 60p and h.264 at 30p	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv	X	X
Full HD Video Codecs: H.265, H.264(MPEG-4, Part 10), MPEG-2	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X
Images: BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, WebGL	X	X
HARDWARE INTERFACES		
HDMI™ Output 2.0a	1	1
USB Type C port: supports high-speed host mode & provides 5V/1A power to peripheral devices		1
USB Type A port: provides 5V/1A power to peripheral devices		1
12-pin Phoenix GPIO port with 8 bi-directional GPIOs	X	X
3.5mm RS-232 Serial Port		X

MODEL	XD235 Standard I/O	XD1035 Expanded I/O
3.5mm IR In/Out	X	X
3.5mm Audio Out (analog & SPDIF digital)	X	X
Gigabit Ethernet with PoE+ (Power over Ethernet)	X	X
Primary Storage: External micro SD slot protected by a tool-less cover	X	X
Optional Storage: M.2 PCIe for NVMe SSD	X	X
Optional Wi-Fi/Bluetooth: E Key M.2 Interface for WD-105 module	X	X
4 Status LEDs	X	X
Reset and Service Buttons	X	X
Real Time Clock 14-day life	X	X
Locking Power Connector	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
256GB PCIe NVMe M.2 SSD PCIe	X	X
MISCELLANEOUS		
Perfected Industrial Design - Simplified Wi-Fi & SSD installation & Patented aluminum enclosure dissipates heat	X	X
Dimensions (W x D x H)	*205 x 185.9 x 19.2 x mm* *8.07 x 7.32 x 0.756 in*	
Weight	Coming Soon	
Power	12V / 3A (30 Watts)	
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting Brackets	X	X
1 year warranty, parts and labor*	X	X

**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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BRIGHTSIGN HD5

BUILT FOR INTERACTIVITY & 4K CONTENT

Build experiences that go beyond the screen with the all new BrightSign HD5. This ultra-high-definition player is purpose-built for interactivity & 4K. It supports demanding HTML5 animations and 4K60p video with HDR. A patented aluminum enclosure and slim form factor allows the device to operate reliably in extreme conditions. With a flexible I/O set, interactive peripherals like touch screens, proximity sensors, and buttons are easy to install and control. UDP and serial commands can be used to control environmental elements like lighting and conference room routing. Integrated partner solutions enable networks of players to deliver audience measurement, monetization and analytics data to a centralized dashboard. A full set of I/O connections and advanced performance make BrightSign HD5 the player of choice for captivating interactive 4K experiences.

FEATURES

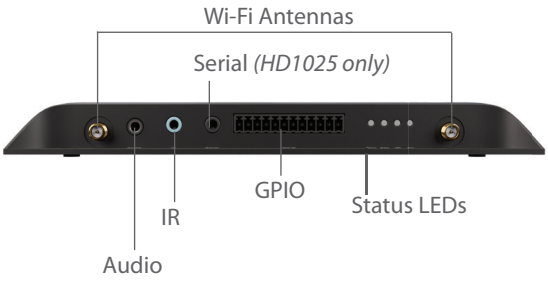
- Delivers 4K60p video in HDR
- Offers a flexible I/O set for any type of interactivity: USB, serial, GPIO, IR, & Ethernet
- Plays HTML5 animations with single touch interactivity
- Tracks usage data for interactions with peripheral devices
- Integrates with partner solutions for audience measurement, analytics & monetization solutions
- Operates in tight & extreme conditions with its ultra-thin design & patented aluminum enclosure
- Runs BrightSign OS to boost reliability, security & uptimes

HD225

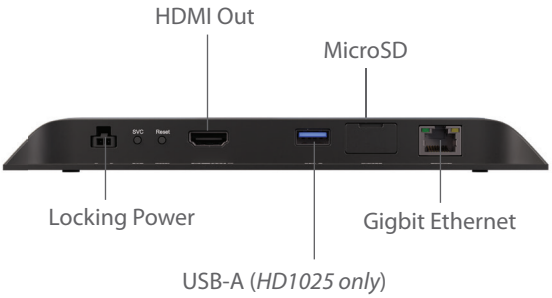
Standard I/O Package

HD1025

Expanded I/O Package



Front View



Back View

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SPECIFICATIONS

MODEL	HD225 Standard I/O	HD1025 Expanded I/O
VIDEO & HTML5 ENGINES		
4K60p video decoding	X (10-bit)	X (10-bit)
Full HD video decoding	X	X
Dual HD video decoding	X	X
Full HD images & graphics	X	X
HDR10 and HLG	X	X
Supports customizable display resolutions with unique aspect ratios	**X**	**X**
HTML5 performance level	**Advanced**	
MEDIA FORMATS		
4K Video codecs: H.265 at 60p and H.264 at 30p	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv	X	X
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X
Images: BMP, JPEG, PNG up to 4K resolution	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, webGL	X	X
HARDWARE INTERFACES		
HDMI Output:	X HDMI 2.0a	X HDMI 2.0a
Ethernet:	X Gigabit	X Gigabit
Audio: 3.5mm Output (Analog or SPDIF)	X	X
GPIO: 12-pin Phoenix Connector with 8 bi-directional Ports	X	X
IR: 3.5mm In / Out	X	X
Serial: 3.5mm RS-232		X

MODEL	HD225 Standard I/O	HD1025 Expanded I/O
USB-A: provides 5V/1A power to peripheral devices		X
Primary storage: External microSD card slot protected by a tool-less cover	X	X
Optional Wi-Fi/Bluetooth: E Key M.2 Interface for WD-105 module	X	X
Status LEDs	4	4
Reset & Service Buttons	X	X
Real Time Clock with 14-day life	X	X
Locking Power Connector	X	X
ACCESSORIES		
BP200 & BP900 USB Button Pads	X	X
Micro SD Class 10 cards (various capacities)	X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X
SOFTWARE & SERVICES		
Free BrightAuthor:connected or BrightAuthor software	X	X
Free Control Cloud	X	X
Subscription-based BSN.cloud	Optional	Optional
BrightSign Mobile	Optional	Optional
MISCELLANEOUS		
Perfected Industrial Design - Simplified Wi-Fi & SSD installation & Patented aluminum enclosure dissipates heat	X	X
Power Supply	12V / 3A	
Dimensions (WxDxH)	205 x 185.9 x 19.2 mm	
Weight	Coming Soon	Coming Soon
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting Brackets	X	X
1 year warranty, parts and labor*	X	X

**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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BRIGHTSIGN LS5

LOW-COST, POWERFUL PERFORMER

BrightSign LS5 is unrivaled at its price point, offering pristine HD, 4K, and HTML5 performance, along with a range of purpose-built signage features. Both the HD and 4K models effortlessly display looping video, HTML, graphics and support digital audio and USB-C interactive peripherals. With a locking power cord, ethernet, and optional dual antenna Wi-Fi module, signage is always connected to a free Control Cloud subscription and a preferred CMS. The LS5 is small and thin so it fits just about anywhere and runs BrightSign OS to maximize security, reliability, and longevity. The LS5 is a valuable, cost-effective option for a broad range of simple signage experiences.

FEATURES

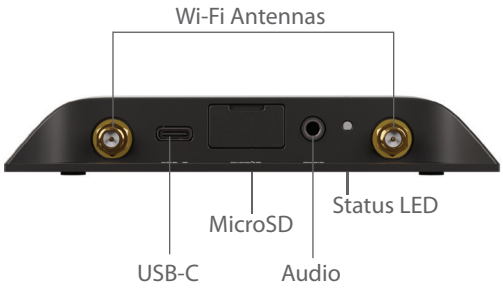
- Plays flawless HD and 4K video, HTML5, graphics & digital audio
- Displays simple HTML5 widgets and animations
- Packed with unique signage features to enable captivating experiences
- Flexible for connected or offline environments
- Supports single touchscreen experiences
- Ultra-thin, efficient design easily fits into tight spaces & streamlines serviceability
- Runs BrightSign OS to boost reliability, security & uptimes

LS425

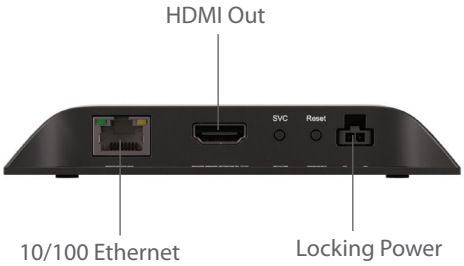
HD Basic I/O Package

LS445

4K Basic I/O Package



Front View



Back View

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SPECIFICATIONS

MODEL	LS425 HD Basic I/O Package	LS445 4K Basic I/O Package
VIDEO & HTML5 ENGINES		
1080p60 video	X	X
4K60p video		X
HD image and motion graphic support	**X**	**X**
HTML5 performance level	**Mainstream**	
MEDIA FORMATS		
Video codecs for 4K content: H.265/H.264		X
Video Containers for 4K H.265 content: .ts, .mov, .mp4, .mkv		X
Video Codecs for Full HD: H.265, H.264(MPEG-4, Part 10), MPEG-2	X	X
Video Containers for Full HD content: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X
Images: BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, webGL	X	X
HARDWARE INTERFACES		
HDMI™ Output 2.0a	1	1
USB Type C port: supports GPIO, Serial, IR with adapters and high-speed host mode	1	1
3.5mm Audio Out (analog & SPDIF digital)	X	X
10/100 Base Ethernet	X	X
Primary Storage: External micro SD slot protected by a tool-less cover	X	X
Optional Wi-Fi/Bluetooth: E Key M.2 interface only for WD-105 module	X	X

MODEL	LS425 HD Basic I/O Package	LS445 4K Basic I/O Package
1 Status LED	X	X
Reset and Service Buttons	X	X
Real Time Clock 14-day life	X	X
Locking Power Connector	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
CBL-USBC to USBA and 3.5mm Serial	X	X
GP800-C: USB C to GPIO 12-pin Cable Kit	X	X
MISCELLANEOUS		
Perfected Industrial Design - Simplified Wi-Fi installation	X	
Dimensions (W x D x H)	*126.6 x 141.84 x 19.41 mm; 4.98 x 5.58 x 0.76 in*	
Weight	Coming Soon	
Power	12V / 1.5A	
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting Brackets	X	X
1 year warranty, parts and labor*	X	X

**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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BRIGHTAUTHOR

Easy Creation, Publishing & Management of Presentations

BrightSign's free BrightAuthor PC application takes the guesswork out of creating, publishing and managing presentations. Using an intuitive drag and drop interface, it provides templates and tools to build and distribute engaging signage. BrightAuthor acts as the central application for all your BrightSign needs, from building, scheduling and distributing eye-catching presentations to managing your entire network of remote signs. Experience BrightAuthor and see how easily it brings your BrightSign presentations to life.

Features

Create

- Enjoy an intuitive drag-and-drop method and visual-based tools to build presentations with ease.
- Choose a type of playlist for content playback: looping media, interactive or dynamic playlists.
- Drag and drop content into your playlist: video, images, audio, HTML5, IP streams, live feeds, Live TV, Live Text, and more.
- Apply interactive events to trigger content playback, including screen touches, button pushes, sensed motion, UDP commands, barcode scans and more.
- Use BrightWall™ to easily create video wall presentations across multiple displays.
- Use Mosaic Mode to play back multiple scaled-down videos in a number of video zones.

Publish

- Create a complete presentation packet automatically that's ready to distribute and playback on BrightSign devices.
- Schedule or day-part presentations with an intuitive calendar tool.
- Distribute presentations effortlessly 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.

Manage

- Send content updates for free using BrightSign's Simple File or Local Area Networking solutions.
- Access your BrightSign Network account to remotely distribute, manage and monitor your digital sign network.
- Securely logon and gain access to your assigned BrightSign Network account user permissions.
- Remotely host and manage your content library.

Specifications

To run BrightAuthor software, you need any Windows PC that meets or exceeds the following minimum requirements:

- 2.3 GHz CPU
- 2 GB RAM required (4 GB recommended)
- 100 MB available hard disk space for program files (additional disk space required if storing content and/or presentations on your hard disk)
- Operating system: Windows Vista (32 or 64 bit), Windows 7 or Windows 10 (32 or 64 bit) plus Microsoft .Net Framework 3.5 or later

BrightSign®

BRIGHTSIGN NETWORK FEATURE ACCESSIBILITY

FUNCTIONS	WEB UI	BRIGHTAUTHOR	BRIGHTPLATES™
BRIGHTSIGN NETWORK ACCOUNT ADMINISTRATION			
Secure login	X	X	X
Create new account users	X		
Assign user roles and permissions	X		
Permission-based access	X	X	
View the subscription status of players	X		
View invoice history	X		
Add purchased subscriptions	X		
Administer BrightSign Network account	X		
BRIGHTSIGN NETWORK MANAGEMENT			
New player network setup	X	X	X
View player details (firmware version, etc.)	X	X	X
Assign player tags	X	X	
Deliver Firmware Updates to Remote Units	X	X	
Upload content to library	X	X	X
Assign media tags	X		
Optional content encryption	X	X	
Access library content not assigned to a presentation	X		X
Content library management	X	X	X
Create, manage and monitor network groups	X	X	
Monitor the health of players connected to your BrightSign Network	X	X	
Monitor the status of networked players: This includes the current active presentation, total network traffic, and device error logs	X	X	
View usage tracking statistics	X		
Generate reporting of various playback logs (Event, State, Diagnostic, Playback, User Variable) to keep records of player and presentation activity	X		

FUNCTIONS	WEB UI	BRIGHTAUTHOR	BRIGHTPLATES™
Utilize fail-safe features such as network auto-recovery mode and corrupt card detection	X	X	X
Send reboot, recovery, and upload log commands to networked players	X	X	
Remote Snapshot	X	X	
PRESENTATION AUTHORING			
Create looping content presentations	X	X	
Create multi-zone, interactive, Live Text, BrightWall, synchronized and other advanced presentations		X	
Create dynamic playlists	X	X	
Create tagged playlists	X		
Create live data feeds	X	X	X
Create live media feeds	X		X
Add dynamic playlists to a Presentation	X	X	
Add live data and media feeds to presentations		X	X
HTML presentation uploading	X		X
HTML template uploading			X
Scheduling and day-parting	X	X	
Publish presentations to network groups	X	X	
Edit basic presentation properties	X	X	X
Edit all presentation properties		X	
COMPATIBILITY			
BrightSign XT, XD, HD, LS players	X	X	X
Runs on a Macintosh	X		X
Runs on a PC	X	X	X
BrightSign Network Monitoring Only (additional charges apply per content update)	X	X	X