

# BRIGHTSIGN XD PRODUCT LINE

**BrightSign®**

EXCEPTIONAL SIGNAGE. ENGAGING SOPHISTICATION. PC-CLASS PERFORMANCE.

BrightSign XD's highly reliable solid-state platform includes an advanced video decoding engine with superior scaling technology that even upscales 1080p videos to 4K resolution. All models support HTML5 so content creators can use familiar development tools to create engaging content that will playback flawlessly on our hardware accelerated HTML5 engine. Touch-screen interactivity is enhanced with swipe/gesture control through HTML5 as well. BrightSign XD's abundant content support also extends to Full HD IP video streaming, Live Text, Media RSS feeds and via an ATSC/Clear QAM tuner or HDMI input. BrightSign XD, combined with free BrightAuthor software and a variety of networking solutions, is the market leading non-PC solution ideal for virtually any signage installation.



## XD230 Networked Player

Powerful video engine capable of dual Full HD 1080p60 video decoding, upscaling 1080p video to 4K resolution and simultaneous content playback from local, networked and streaming sources. Abundant content support including HTML5 and 3D content. And UDP network control for messaging between BrightSign and third-party devices.



## XD1030 Networked 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 Interactive Player with Live HDTV

Includes all the features BrightSign offers plus Live HDTV 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.

## FEATURES



### Powerful Video Engine

Advanced video engine with superior scaling technology delivering pristine 1080p60 video, uncompromised decoding capable of playing dual Full HD videos, 4K upscaling and even HTML5 rendering.



### HTML5

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



### IP Streaming

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



### Touch and Swipe

BrightAuthor makes it easy to add the popular "swipe" interactivity to your signage.



### Video Walls

Create immersive experiences with synchronized playback between multiple displays, non-standard display shapes, and mixed screen orientations.



### Live Text

Instantly update content without republishing the entire presentation with Live Text fields.



### RSS & Social Media Feeds

Live RSS, Twitter, Flickr feeds can be displayed to link your signage to literally any RSS data feed available.



### BrightSign App

Easily update messaging and interact with locally networked signage using your iPad or iPhone. This app allows you to change user variables and trigger UDP events for instant signage updates.



### Live HDTV

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



### 4K Upscaling

BrightSign XD's powerful video engine can upscale existing 1080p content to sharp 4K resolution.



### IP Streaming Server

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



### Interactivity

Trigger playback from virtually any type of interactive device: barcode scanners, motion sensors, RFID, GPIO, USB buttons, touch screens, IR remotes, serial devices, keyboards, mice, etc...



### Zones

Playback multiple content types on a single screen using Zones, and play video and audio playlists independently.



### UDP Control

Use BrightSign's wireless or Ethernet connectivity to interact with signage via mobile devices, deliver emergency messaging, integrate with databases, show controllers, and more.



### Geo-Fencing

Play content targeted to the location of your moving digital signage using a GPS dongle in BrightSign's USB port.



### Networking

Multiple networking options make it easy to update content, playback live content, monitor and manage signage remotely.

# MODEL SPECIFICATIONS

		XD230	XD1030	XD1230
		Networked Player	Networked Interactive Player	Networked Interactive and Live HDTV Player
<b>VIDEO ENGINE PROCESSOR</b>	Up to 1 GB DRAM and storage via SDXC (up to 2TB)	X	X	X
<b>VIDEO ENGINE DECODER</b>	Decodes @ 25 Mbit/s and performs 1920x1080@60p dual decoding	X	X	X
<b>MEDIA FORMATS</b>	Video Codecs: MPEG-1, MPEG-2, H.264, WMV	X	X	X
	Video Containers: MPEG-2 transport and program streams, AVCHD/BDVA, ASF, MP4, MOV	X	X	X
	MVC 3D Video Codec (side-by-side, top-over-bottom, frame-packing)	X	X	X
	Images: BMP, JPEG, PNG	X	X	X
	Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X	X	X
	Supports HTML5	X	X	X
<b>DISPLAY RESOLUTIONS**</b>	PAL/NTSC	X	X	X
	1080i/p, 720p, 576i/p, 480i/p	X	X	X
	4K upscaling: 3840x2160x30p/29.97p/25p/24p	X	X	X
	800x600x60/75p, 1024x768x60/75p, 1280x768x60p, 1280x800x60p, 1360x768x60p	X	X	X
	1280x960x60p, 1280x1024x60p, 1440x900x60p, 1600x1200x60p	X	X	X
<b>CONNECTORS</b>	Locking Power Connector	X	X	X
	SD Slot for SDHC and SDXC	X	X	X
	Internal MicroSD Slot	X	X	X
	USB High Speed Host Port (supports content updates via USB)		X (2 ports)	X (2 ports)
	GPIO Port (8 bi-directional)		X	X
	RS-232 Serial Port		X	X
	3.5mm Analog Stereo Audio Out	X	X	X
	S/PDIF Out		X	X
	3.5mm IR Out	X	X	X
	HDMI Out	X	X	X
	VGA Out (Component Video, Composite/S-Video)	X	X	X
	RF Input			X
	HDMI Input			X
	Ethernet 10/100	X	X	X
	LEDs	Power, Error, Update, Network, Wi-Fi, Ethernet, Micro SD, SD		
	Reset Button	X	X	X
<b>FEATURES</b>	Powerful Video Engine: advanced video decoding with superior scaling technology	X	X	X
	Live HDTV: ATSC/Clear QAM tuner and HDMI input to play broadcast content			X
	HTML5: use familiar development tools to create engaging content	X	X	X
	4K Upscaling: Upscale 1080p video content to 4K	X	X	X
	Touch & Swipe: popular single touch and swipe interactivity	X	X	X
	Zones: Playback multiple content types on a single screen	X	X	X
	Video Walls: synchronized playback across multiple displays	X	X	X
	Interactivity: trigger playback from USB, GPIOs and RS-232 serial ports		X	X
	BrightSign App: update signs via iOS device	X	X	X
	UDP Control: interact with signage using networking	X	X	X
	RSS & Social Media Feeds: Live RSS, Twitter, Flickr, etc.	X	X	X
	Live Text: update text without republishing a presentation	X	X	X
	Geo-Fencing: trigger playback based on location	X	X	X
	IP Streaming: play streaming media	X	X	X
	IP Streaming Server: Serves IP streams for local storage	X	X	X
	Networking: to update and manage your signage plus scheduling and day-parting	X	X	X
	Usage Tracking Statistics	X	X	X
Real Time Clock	X	X	X	
<b>SOFTWARE</b>	Free BrightAuthor Software	X	X	X
	BrightSign Networking Options	X	X	X
<b>ACCESSORIES</b>	USB Button Panels		X	X
	Wireless Module, SDHC and MicroSD Class 10 Cards (various capacities)	X	X	X
<b>MISCELLANEOUS</b>	Dimensions	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)		
	Weight	669 grams or 23.6 oz		
	Power	12V / 3A		
	Multi-Country Power & Regulatory Approvals and Built-in Wall Mounting Brackets	X	X	X
	1 Year Warranty, Parts and Labor	X	X	X

\* DVB is not supported

\*\* Not all video modes are supported for both HDMI and VGA