

# BRIGHTSIGN XD PRODUCT LINE

BrightSign®

## EXCEPTIONAL PERFORMANCE. ENGAGING SOPHISTICATION.

Introducing the industry's first line of solid-state digital sign players with PC-class performance. State-of-the-art technology includes an advanced video engine with superior scaling technology that delivers pristine 1080p60 video and is capable of decoding two 1080p60 videos simultaneously, as well as support for 3D content. BrightSign XD brings Live HDTV 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 support HTML5 so content creators can use familiar development tools to create engaging content. BrightSign's touch-screen interactivity is enhanced with touch/swipe control.



### XD230 Networked 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 and 3D content. And UDP network control for messaging between 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. Touch/swipe interactivity is also supported.



### 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

- Uncompromised decoding, capable of playing two 1080p60 videos simultaneously
- Superior scaling technology delivers pristine 1080p60 video for any screen or zone size
- Simultaneous playback of content from local, streaming and live content sources
- Accelerated JPEG decompression for instant image display and professional quality, high-speed transitions
- Captivating 3D playback and commanding BrightControl to operate screen functions via HDMI

### Infinite display possibilities

- Abundant content support – Full HD videos, images, audio, HTML5, Live TV, streaming content, 3D content and Live Text
- HTML5 support to create engaging content using well known development tools
- Exceptional video walls including non-standard display shapes and mixed screen orientation
- Zones feature to multiply your content playback on a single screen
- Video and audio playlists run independently from a single player
- S/PDIF output for pure digital and surround sound audio

### Exceptionally dynamic capabilities

- Interactive controls including touch/swipe, GPIO, USB, serial, UDP, mobile devices and more
- HDMI in to play Live HDTV broadcasts – even protected HDCP content
- ATSC / Clear QAM tuner to play any cable TV\* or closed circuit TV broadcast content
- Live Text integration to update content dynamically without republishing
- Media Streaming of video, audio, and even real-time RSS social media feeds such as Twitter and Flickr

### Reliable and easy to use

- Highly reliable solid-state platform and a slim OS means no PC down-time
- Locking power connector to avoid unintentional power-downs
- Effortless presentation creation using the included BrightAuthor software
- Internal MicroSD card slot for secure content storage and playback
- Built-in networking to manage, update and monitor your signage remotely
- Low power consumption means low heat emissions and low operating costs

# MODEL SPECIFICATIONS

		XD230	XD1030	XD1230
		Networked Player	Networked Interactive Player	Networked Interactive and Live HDTV Player
VIDEO ENGINE PROCESSOR	Up to 1 GB DRAM	X	X	X
	Storage via SDXC (up to 2TB)	X	X	X
VIDEO ENGINE DECODER	Decodes @ 25 Mbit/s	X	X	X
	1920x1080@60p dual decoding	X	X	X
MEDIA FORMATS	Video Codecs: MPEG-1, MPEG-2, H.264, WMV	X	X	X
	Video Containers: MPEG-2 transport and program streams, AVCHD/BDAV, ASF, MP4	X	X	X
	3D Video Codecs: MVC	X	X	X
	3D Capability (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
DISPLAY RESOLUTIONS**	PAL/NTSC	X	X	X
	1080i/p, 720p, 576i/p, 480i/p	X	X	X
	800x600x60/75p, 1024x768x60/75p, 1280x768x60p, 1280x800x60p, 1360x768x60p	X	X	X
	1280x960x60p, 1280x1024x60p, 1440x900x60p, 1600x1200x60p	X	X	X
CONNECTORS	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		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	
FEATURES	Looping Playlists & Multiple Content Zones	X	X	X
	Multiple Video Zones	X	X	X
	Accelerated JPEG Decompression	X	X	X
	ATSC/Clear QAM Tuner to play live HDTV content (RF In)*			X
	HDMI Input to play live HDTV (including HDCP secured content)			X
	Video Wall Synchronization and Remote Interactivity (via Network Commands)	X	X	X
	Text Ticker Feed and Subtitles	X	X	X
	Live Text, RSS and Twitter Feeds	X	X	X
	USB, GPIO and RS-232 Serial Interactivity		X	X
	Supports Touch Screen and Swipe/Gesture Interactivity		X	X
	Playback Scheduling and Day-Parting	X	X	X
	Usage Tracking Statistics	X	X	X
	Real Time Clock	X	X	X
Update Content via USB		X	X	
SOFTWARE	Free BrightAuthor Software	X	X	X
	BrightSign Networking Options	X	X	X
ACCESSORIES	USB Button Pads		X	X
	Wireless Module	X	X	X
	SDXC and MicroSD Class 10 Cards (various capacities)	X	X	X
MISCELLANEOUS	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	X	X	X
	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