

# BrightSign®

## Model Specifications

MODEL	HD120	HD220	HD1020	XD230	XD1030	XD1230	4K242	4K1042	4K1142
	Basic Interactive Player	Networked Looping Player	Networked Interactive Player	Networked Player	Networked Interactive Player	Networked Interactive and Live TV Player	Networked Basic Interactive Player	Networked Multi-Control Interactive Player	Networked Multi-control Interactive and Live TV Player
<b>VIDEO ENGINE DECODER</b>									
Decodes @ 25 Mbit/s	X	X	X	X	X	X	X	X	X
Decodes @ 70 Mbits/s							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
<b>MEDIA FORMATS</b>									
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/BDVA, 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
<b>DISPLAY RESOLUTIONS*</b>									
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
<b>HARDWARE INTERFACES</b>									
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	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			
RF Input**						X			
HDMI Input						X			X (HDMI 2.0)
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
<b>FEATURES</b>									
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

MODEL	HD120	HD220	HD1020	XD230	XD1030	XD1230	4K242	4K1042	4K1142
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	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
<b>SOFTWARE</b>									
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
<b>ACCESSORIES</b>									
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
<b>MISCELLANEOUS</b>									
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 69 X 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		
Multi-Country Power & Regulatory Approvals	X	X	X	X	X	X	X	X	X
Built-in Wall Mounting Brackets	X	X	X	X	X	X	X	X	X
1-year warranty, parts and labor	X	X	X	X	X	X	X	X	X

\* Not all video modes are supported

\*\* DVB is not supported