




# BRIGHTSIGN 4K



## STATE-OF-THE-ART TECHNOLOGY. TRUE 4K PLAYBACK.

BrightSign 4K delivers unsurpassed performance with our fastest HTML and graphics engine and the most processing power. This state-of-the-art technology for leading-edge digital signage installations includes playback of H.265-encoded native 4K content at 60fps via HDMI 2.0.

<p><b>BrightSign 4K242</b> Networked Basic Interactive Player</p>  <p>Offers the most powerful video engine capable of dual decoding of one 4K and one Full HD video simultaneously, abundant content support including HTML5, PoE+ (Type 2), networking and interactivity via UDP and GPIO.</p> <p><b>Price: \$600</b></p>	<p><b>BrightSign 4K1042</b> Networked Multi-Control Interactive Player</p>  <p>All the features of the 4K242 plus S/PDIF output for pure digital surround sound audio and additional interactive controls including USB and serial.</p> <p><b>Price: \$700</b></p>	<p><b>BrightSign 4K1142</b> Networked Multi-Control Interactive and Live TV Player</p>  <p>Includes all the features BrightSign 4K offers plus 4K Live TV playback via the HDMI 2.0 input to play content from any broadcast channel – even protected HDCP content.</p> <p><b>Price: \$850</b></p>
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**4K1142**

- Live TV
- Touch
- USB, Serial & GPIO Interactivity
- Digital Sound
- Geo-Fencing

**4K242**

- Native 4K
- Powerful Video Engine
- 4K Upscaling
- HTML5
- PoE+
- Power over Ethernet+
- Remote Snapshot
- IP Streaming
- IP Streaming Server
- BrightWall™
- Sign Preview
- Zones
- GPIO & IR Interactivity
- Live Feeds
- UDP Control
- BrightSign App
- Networking

## SPECIFICATIONS

MODEL	4K242	4K1042	4K1142
	Networked Basic Interactive Player	Networked Multi-Control Interactive Player	Networked Multi-Control Interactive and Live TV Player
<b>VIDEO ENGINE DECODER</b>			
Dual decoding of one 4K (3840x2160@60p) and one Full HD (1920x1080@60p) video simultaneously	X	X	X
<b>MEDIA FORMATS</b>			
Video Codecs supported for Full HD content: H.265, H.264, MPEG-1, MPEG-2, WMV	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, MOV	X	X	X
3D Capability (side-by-side, top-over-bottom)	X	X	X
Images: BMP, JPEG, PNG	X	X	X
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X	X	X
HTML5 Support	X	X	X
<b>DISPLAY RESOLUTIONS*</b>			
PAL/NTSC	X	X	X
Native 4K resolutions: 3840x2160x24/25/30/50/60p	X	X	X
Upscaling to: 3840x2160x24/25/30/50/60p	X	X	X
1920x1080x24/25/30/50/60p	X	X	X
<b>HARDWARE INTERFACES</b>			
Locking Power Connector	X	X	X
SD Slot for SDHC and SDXC; Storage via SDXC (up to 2TB)	X	X	X
Internal Micro SD Slot	X	X	X
mSATA	X	X	X
USB 3.0 High Speed Host Port		X (1 port)	X (2 ports)
GPIO Port (8 bi-directional)	X	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 2.0 Out	X	X	X
HDMI 2.0 Input			X
Gigabit Ethernet	X	X	X
Status LEDs	Power, Error, Update, Network, Wi-Fi, Ethernet, MicroSD, SD		
Reset Button	X	X	X

\*Additional display resolutions are supported

MODEL	4K242	4K1042	4K1142
<b>FEATURES</b>			
Powerful Video Engine: advanced dual video decoding with superior scaling technology	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
Live TV: HDMI 2.0 Input to play broadcast content			X
HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly	X	X	X
Touch: for interactive touch screen and kiosk presentations		X	X
Zones: playback multiple content types on a single screen	X	X	X
BrightWall™: synchronized playback across multiple displays	X	X	X
Interactivity: trigger playback from USB, GPIOs, serial ports	X (GPIO and IR only)		X
UDP Control: interact with signage using networking	X	X	X
Live Feeds: Live Text, Live mRSS, Twitter, Flickr, etc.	X	X	X
BrightSign App: update signs with an iOS device	X	X	X
Geo-Fencing: trigger playback based on location		X	X
IP Streaming: play streaming media	X	X	X
IP Streaming Server: serve IP streams from local storage	X	X	X
Sign Preview: preview presentation playback in BrightAuthor	X	X	X
Networking: update and manage your signage, plus scheduling and day-parting	X	X	X
Usage tracking statistics and real time clock	X	X	X
Content update via USB		X	X
<b>SOFTWARE</b>			
Free BrightAuthor Software	X	X	X
BrightSign Network and Web UI	X	X	X
<b>MISCELLANEOUS</b>			
USB Button Pads		X	X
Wi-Fi Module	X	X	X
SDHC and MicroSD Class 10 Cards (various capacities)	X	X	X
Dimensions	196 x 68 x 170mm (WxHxD) or 7.8 x 2.6 x 6.8 in. (WxHxD)		
Weight	28 oz. / 793.8 grams		
Power	12V / 5A		
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