BRIGHTSIGN 4K

STATE-OF-THE-ART TECHNOLOGY.
SUPPORTS 4K HDR 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, and supports the transfer of CEA HDR10 encoded video over HDMI 2.0a.

BrightSign 4K242
Networked Basic Interactive Player

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.

Price: $600

BrightSign 4K1042
Networked Multi-Control Interactive Player

All the features of the 4K242 plus S/PDIF output for pure digital surround sound audio and additional interactive controls including USB and serial.

Price: $700

BrightSign 4K1142
Networked Multi-Control Interactive and Live TV Player

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.

Price: $850

4K1142

4K Live TV

4K1042

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

4K242

HDR | Native 4K | Powerful Video Engine | 4K Upscaling | Power over Ethernet+ | Remote Snapshot | IP Streaming | IP Streaming Server

BrightWall™ | Sign Preview | Zones | GPIO & IR Interactivity | Live Feeds | UDP Control | BrightSign App | Networking

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SPECIFICATIONS

MODEL	4K242	4K1042	4K1142
	Networked Basic Interactive Player	Networked Multi-Control Interactive Player	Networked Multi-Control Interactive and Live TV Player
VIDEO ENGINE DECODER			
Dual decoding of one 4K (3840x2160@60p) and one Full HD (1920x1080@60p) video simultaneously	X	X	X
MEDIA FORMATS			
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/BDAV, 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
DISPLAY RESOLUTIONS*			
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
HARDWARE INTERFACES			
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 (1port)	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
FEATURES			
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	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
SOFTWARE			
Free BrightAuthor Software	X	X	X
BrightSign Network and Web UI	X	X	X
MISCELLANEOUS			
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