

BRIGHTSIGN 4K



INTRODUCING THE WORLD'S FIRST ULTRA-RELIABLE, FAN-LESS, SOLID-STATE, COMMERCIAL 4K DIGITAL SIGNAGE MEDIA PLAYER

BrightSign 4K plays native 4K, H.265, 10 bit video at 60 fps via HDMI 2.0

BrightSign 4K242

**Networked Basic
Interactive Player**



Powerful 4K video engine capable of dual 4K and Full HD decoding, abundant content support including HTML5, networking and interactivity via UDP and GPIOs.

BrightSign 4K1042

**Networked Multi-Control
Interactive Player**



All the features of the 4K242 plus S/PDIF output for pure digital surround sound audio and a diverse range of interactive controls such as GPIO, serial, USB and UDP, for engaging interactive displays.

BrightSign 4K1142

**Networked Multi-Control
Interactive and Live HDTV
Player**



Includes all the features BrightSign 4K offers plus Live HDTV playback via the HDMI input so you can play content from any broadcast channel - even HDCP protected content.

4K1142



Live HDTV

4K1042



Swipe



USB, Serial & GPIO
Interactivity



Digital Sound



Geo-Fencing

4K242



Native 4K



Powerful
Video Engine



4K Upscaling



HTML5



IP Streaming



IP Streaming
Server



BrightWall™



Sign Preview



Zones



GPIO
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 HDTV Player
VIDEO ENGINE DECODER			
Decodes @ 70 Mbit/s	X	X	X
Dual video decoding of 4K (3840x2160@60p) and Full HD (1920x1080@60p) simultaneously	X	X	X
MEDIA FORMATS			
Video Codecs: H.265, H.264, MPEG-1, MPEG-2, WMV	X	X	X
Video Containers: MPEG-2 transport and program streams, AVCHD/BD-RE, 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 (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 transceiver	X	X	X
HDMI 2.0 Out	X	X	X
HDMI 2.0 Input			X
Ethernet 10/100 with POE (power over 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 HDTV: HDMI Input to play broadcast content			X
HTML5: play modular HTML assets flawlessly with our hardware-accelerated HTML5 engine	X	X	X
Swipe: popular swipe screen interactivity		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 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
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	168 x 42 x 149mm (WxHxD) or 6.6 x 1.7 x 5.9 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