

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 decoding one 4K and one Full HD video simultaneously, 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 In- teractive and Live TV Player



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

4K1142



Live TV

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 TV Player
VIDEO ENGINE DECODER			
Decodes @ 70 Mbit/s	X	X	X
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.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/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	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 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	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 69 x 149mm (WxHxD) or 6.6 x 2.7 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