BrightSign®

BRIGHTSIGN XD

TRUE 4K DOLBY VISION™ AND HDR10+ PLAYBACK. ADVANCED PERFORMANCE.

BrightSign XD delivers superior technology for advanced applications, including a powerful 4K video decoding engine that supports all the technology standards of the True 4K ecosystem: H.265/H.264-encoded native 4K content at 60fps, Dolby Vision, HDR10+ and HDMI 2.0a for stunning picture quality. It is also capable of 4K upscaling and dual decoding two 1080p60 videos at once. All models include Gigabit Ethernet and offer a hardware-accelerated HTML5 engine with advanced performance.





BrightSign XD234

Standard I/O Player

Offers a powerful 4K video engine capable of decoding one 4Kp60 video or two Full HD videos simultaneously and supports Dolby Vision and HDR10+ content. It includes the standard I/O package of Gigabit Ethernet, GPIO, IR, analog/digital audio, and an M.2 SSD PCIe interface.



BrightSign XD1034

Expanded I/O Player

Includes all the features BrightSign XD234 plus additional interactive options with the added serial and dual USB 2.0 (type A and C) ports for engaging interactive displays.

Features

- H.265
- Powerful 4K Video Engine
- 1080p60 dual decode
- Advanced HTML5
- IP Streaming
- BrightBeacon™
- BrightWall™
- AutoWall™
- Zones
- BrightPlates™
- Interactive
- Live Feeds
- Geo-Fencing
- Tagging
- BrightSign App
- Sign Preview
- Remote Snapshot
- B-Deploy
- Digital Audio
- Mosaic Mode
- IP Streaming Server
- M.2 SSD PCIe Interface

BrightSign®

SPECIFICATIONS

MODEL	XD234	XD1034
VIDEO ENGINE DECODER		
Native 4K@60p Dolby Vision and HDR10+ video decoding	X	X
Single video decoding: 4K or 1080p60	X	X
Dual video decoding: 1080p60	X	X
MEDIA FORMATS		
Video Codecs for 4K content: H.265/H.264	X	X
Video Containers for 4K H.265/H.264 content: .ts, .mov, .mp4, .mkv	X	X
Video Codecs for Full HD: H.265, H.264 (MPEG-4 Part 10), MPEG-2	X	X
Video Containers for Full HD content: .ts, .mpg, .vob, .mov, .mp4, .m2ts, .wmv	X	X
Image support BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X	X
HTML5	X (Advanced)	
DISPLAY RESOLUTIONS*		
4K resolutions: 4096x2160, 3840x2160, 3840x600	X	X
Upscaling to: 3840x2160x24/25/29.97/30p	X	X
1920x1080, 1920x1200, 1600x1200, 1440x1050, 1440x900, 1360x768, 1280x1024, 1280x960, 1280x800, 1280x768, 1280x720, 1024x768, 800x600, 720x576, 720x480, 640x480	X	X
HARDWARE INTERFACES		
Locking Power Connector	X	X
External micro SD Slot (SDHC and SDXC); SDHC storage up to 32GB SDXC storage up to 2TB	X	X
M.2 SSD PCIe Interface	X	X
USB High Speed Host Port (also supports content updates)		X (2 ports: Type A&C)
12-pin Phoenix GPIO port with 8 bi-directional GPIOs	X	X
3.5mm RS-232 Serial Port		X
3.5mm IR In/Out	X	X
3.5mm Audio Out (analog -or- SPDIF digital, non-simultaneous)	X	X
HDMI 2.0a Out	X	X
Ethernet	X (Gigabit)	
M.2 (E) Keyed Wi-Fi/Bluetooth Connector	X	X
Wi-Fi External Antenna Connector	X	X
Status LEDs	Power, Busy, Wireless, Error	
Reset and Service Buttons	X	X
Real Time Clock	X	X
FEATURES		
H.265 Decoding: smaller file sizes and higher quality content than H.264	X	X
Powerful 4K Video Engine: native 4K Dolby Vision and HDR10+ decoding, 4K upscaling, dual 1080p video decoding and superior scaling technologies	X	X
HTML5: hardware-accelerated HTML5 engine plays full screen and modular HTML5 assets up to 4K resolution layered together with high-bandwidth Full HD or 4K video	X (Advanced)	

MODEL	XD234	XD1034
BrightBeacon™: 2-way Bluetooth/Beacon communication between mobile devices & signage (requires: wireless/ Bluetooth module)	X	X
BrightWall™: frame-accurate synchronized playback across multiple displays	X	X
Autowall™: embraces the power of HTML5 to create unique multimedia video walls	X	X
Zones: playback multiple content types on a single screen	X	X
Mosaic Mode: simultaneously play a multitude of smaller resolution videos that add up to the maximum video resolution of the player	X	X
IP Streaming: play streaming media	X	X
IP Streaming Server: serve IP streams from local storage	X	X
Encoding Server: transcode or composite/encode IP streams	X	X
Interactivity: connect virtually any type of interactive device to a multitude of interactive ports	X (GPIO, IR, UDP)	X (GPIO, dual USB, serial, IR, UDP)
Live Feeds: Live Data, Live Text, MRSS, Twitter, Flickr, etc.	X	X
Tagging: BrightSign Network users can assign media and player tags for highly targeted content distribution	X	X
BrightSign App: update signs with an iOS device	X	X
Geo-Fencing: trigger playback based on location (requires USB dongle)		X
Sign Preview: preview presentation playback in BrightAuthor	X	X
Remote Snapshot: remotely view a snapshot image of the display's playback	X	X
BrightPlates™: easy template-based sign creation service	X	X
Networking: update, manage and schedule your signage	X	X
B-deploy: A setup feature to deploy many players at once	X	X
Extended Thermal: Supports ambient temperatures between 0° & 70° C at 90% max relative humidity, non-condensing	X	X
SOFTWARE		
Free BrightAuthor Software	X	X
BrightSign Networking Options	X	X
ACCESSORIES		
USB Button Pads		X
Wireless/Bluetooth Module	X	X
MicroSD Class 10 Cards (various capacities)	X	X
MISCELLANEOUS		
Dimensions (W x H x D)	*179.9 x 21.9 x 204.2mm or 7.1 x 0.86 x 8 in*	
Weight	20 oz	
Power	12V / 3A (36 Watts)	
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting Brackets	X	X
1 year warranty, parts and labor	X	X

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