BrightSign®

BRIGHTSIGN XD

TRUE 4K HDR 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-encoded native 4K content at 60fps, CEA 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 XD233

Standard I/O Player

Offersapo werful 4K video engine capable of decoding two Full HD videos simultaneously and an advanced HTML5 engine. It includes the standard I/O package of Gigabit Ethernet, GPIO, IR, analog/digital audio, and an M.2 SSD interface.

BrightSign XD1033

Expanded I/O Player

Includes all the features BrightSign XD233 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	IP Streaming Server	BrightBeacon™	BrightWall™
B-Deploy	M.2 SSD Interface	Mosaic Mode	Zones	Interactive	Live Feeds	Geo-Fencing	Tagging
BrightSign App	Sign Preview	Remote Snapshot	Remote View	BrightPlates™	Gigabit Networking		

SPECIFICATIONS

MODEL	XD233	XD1033
VIDEO ENGINE DECODER		
Single 1080p60 video decoding	X	X
Dual 1080@60p decoding	X	X
Native 4K@60p CEA HDR10 video decoding	X	X
MEDIA FORMATS		
Video Codecs for 4K content: H.265	X	X
Video Containers for 4K H.265 content: .ts, .mov, .mp4, .mkv	X	X
Video Codecs for Full HD: H.265, H.264(MPEG-4, Part 10), MPEG-2, MPEG-1	X	X
Video Containers for Full HD content: .ts, .mpg, .vob, .mov, .mp4, .m2ts, .wmv	X	X
Images: BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC,FLAC, OGG, and WAV (AC3 is passed through)	X	X
HTML5	X (Advanced)	
DISPLAY RESOLUTIONS*		
Native 4K resolutions: 3840x2160x24/25/30/50/60p	X	X
Upscaling to: 3840x2160x24/25/29.97/30p	X	X
1920x1080x24/25/29.92/30/50/59.94/60p, 1920x1080x50/59.94/60i, 1600x1200x60p, 1440x1050x60/75p, 1440x900x60/75p, 1360x768x60p, 1280x1024x60/75p, 1280x960x60p, 1280x800x60p/75p, 1280x768x60p, 1280x720x50/59.94/60p, 1024x768x60p, 800x600x60/75p, 720x576x50p/50i, 720x480x59.94/60p/60i, 640x480x60p	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 Interface	X	X
USB High Speed Host Port (also supports content updates)		X (2 ports: Type A&C)
Phoenix GPIO Port (8-pin bi-directional terminal block)	X	X
3.5mm RS-232 Serial Port		X
3.5mm IR In/Out	X	X
3.5mm Audio Out (analog & digital)	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 Connectors	X (Dual)	
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

MODEL	XD233	XD1033
Powerful 4K Video Engine: True 4K CEA HDR10, 4K upscaling, dual video decoding and superior scaling	X	X
HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly alongside high-bandwidth video	X (Advanced)	
BrightBeacon™: 2-way Bluetooth/Beacon communication between mobile devices & signage	X	X
BrightWall™: synchronized playback across multiple displays	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
Remote View: remotely view a video clip of a running BrightSign presentation	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
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