

BRIGHTSIGN XT

STATE-OF-THE-ART TECHNOLOGY AND DOLBY VISION™. ENTERPRISE PERFORMANCE.

BrightSign XT delivers unsurpassed performance for enterprise applications with a powerful 4K video engine, our fastest HTML and graphics engine and our most powerful CPU. This state-of-the-art technology for leading-edge digital signage installations supports H.264 & H.265 decoding, Dolby Vision and HDR10 media profiles, Full HD and 4K playback including Mosaic Mode. It offers a hardware-accelerated HTML5 rendering engine that enables flawless playback of multiple modular HTML5 assets including Javascript, CSS animations, WebGL and even swipe/gesture interactivity. All XT models offer Gigabit Ethernet, and XT is the only product line offering dual 4K video decoding, 4K full resolution graphics, PoE+ as well as HDMI In for Live TV playback.



BrightSign XT244

Standard I/O Player



Offers our most powerful H.264/H.265 4K & Full HD video engine with Dolby Vision and HDR10 support, 4K full resolution graphics, 4K upscaling and dual decoding of two 4Kp60 videos simultaneously. Delivers the best HTML5 rendering performance available for Enterprise applications. Includes the standard I/O package of Gigabit Ethernet with PoE+, GPIO, IR, analog/digital audio and an M.2 SSD PCIe interface.

























BrightSign XT1144

Expanded I/O Player



Includes all the features BrightSign XT244, plus serial, dual USB (type A and C) and Live TV playback via the HDMI 2.0a input to play content from any broadcast channel – even protected HDCP content.

Features

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4Kp60 dual decode
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4K Graphics
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Dolby Vision
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HDR & HLG
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H.265
- 
Power over Ethernet
- 
Live TV
- 
Enterprise HTML5
- 
IP Streaming
- 
BrightBeacon™
- 
BrightWall™
- 
AutoWall™
- 
Zones
- 
Interactive
- 
Live Feeds
- 
Geo-Fencing
- 
Tagging
- 
BrightSign App
- 
Sign Preview
- 
Remote Snapshot
- 
B-Deploy
- 
Digital Audio
- 
Mosaic Mode
- 
M.2 SSD PCIe Interface

SPECIFICATIONS

MODEL	XT244	XT1144
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: 4K or 1080p60	X	X
MEDIA FORMATS		
4K full resolution graphics	X	X
Video Codecs for 4K content: H.265/H.264	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	X	X
Video Containers for Full HD content: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X
Image support up to 4K BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X	X
HTML5	X (Enterprise)	
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
HDMI 2.0a Input		X
Ethernet	X (Gigabit)	
Power over Ethernet (PoE+)	X	X
M.2 (E) Keyed Wi-Fi/Bluetooth Connector	X	X
Wi-Fi External Antenna Connector	X	X
Status LEDs	Power, Busy, Wireless, Error	
Reset Button	X	X
Real Time Clock	X	X
FEATURES		
H.265 Decoding: smaller file sizes and higher quality content than H.264	X	X
Native 4K Dolby Vision and HDR10 decoding, 4K upscaling, dual 4K video decoding and 4K graphics	X	X

MODEL	XT244	XT1144
Live TV: brings Live TV, even HDCP-protected content, to your signage via HDMI 2.0a Input		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 (Enterprise)	
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: play a multitude of smaller resolution videos simultaneously that add up to the maximum video resolution of the player	X	X
IP Streaming: play streaming media	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
Networking: update, manage and schedule your signage	X	X
B-deploy: A setup feature to deploy many players at once	X	X
Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 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