BrightSign®

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 PoE+ as well as HDMI In for Live TV playback.

DOLBY VISION **4K ULTRA HD** **HDR10+**

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 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.
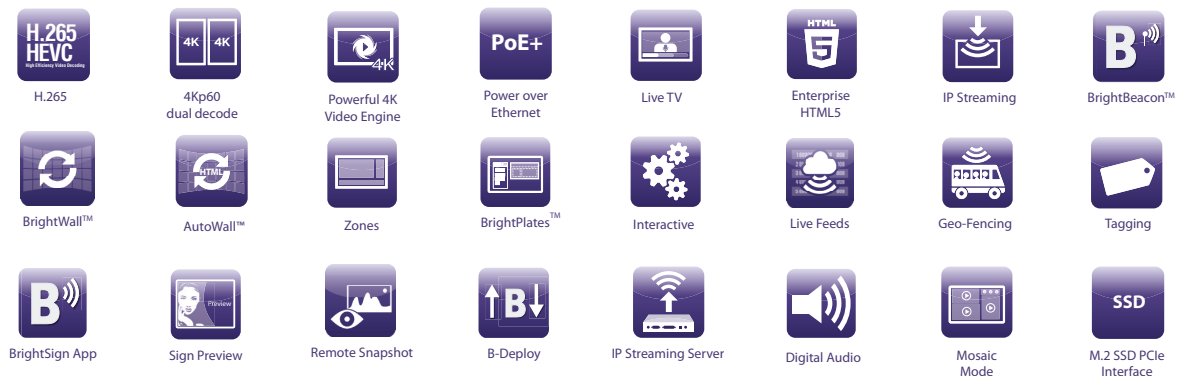
BrightSign XT1144
Expanded I/O Player

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

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

BrightSign®

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		
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, .wmv	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
Powerful 4K Video Engine: native 4K Dolby Vision and HDR10+ decoding, 4K upscaling, dual 4K video decoding and superior scaling technologies	X	X
Live TV: brings Live TV, even HDCP-protected content, to your signage via HDMI 2.0a Input		X

MODEL	XT244	XT1144
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
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
2 years warranty, parts and labor	X	X