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

- 4Kp60 dual decode
- 4K Graphics
- Dolby Vision
- HDR10+
- 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

*** HDR10+ functionality is planned to be released in 2019 on Series 4 players but is currently not available.*

BrightSign, LLC. 983 University Ave, Suite A, Los Gatos, CA 95032 | USA 408-852-9263 | International +44 1223 298500 | www.brightsign.biz

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		
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: 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

UniKomp.pl
Nowe Technologie IT
ul. Dworcowa 8
43-200 Pszczyna
sklep@unikomp.pl
www.wyswietlanie.pl
Telefony
(32) 210 22 11
(32) 326 33 00
(32) 212 88 22

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