

# 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.



### 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.

Price: \$550



### 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.

Price: \$650

## 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

## SPECIFICATIONS

MODEL	XT244	XT1144
<b>VIDEO ENGINE DECODER</b>		
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
<b>MEDIA FORMATS</b>		
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)	
<b>DISPLAY RESOLUTIONS*</b>		
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
<b>HARDWARE INTERFACES</b>		
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
<b>FEATURES</b>		
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
<b>SOFTWARE</b>		
Free BrightAuthor Software	X	X
BrightSign Networking Options	X	X
<b>ACCESSORIES</b>		
USB Button Pads		X
Wireless/Bluetooth Module	X	X
MicroSD Class 10 Cards (various capacities)	X	X
<b>MISCELLANEOUS</b>		
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

# BRIGHTSIGN XT

## 最先进的技术和 DOLBY VISION™. 企业效能

BrightSign XT通过功能强大的4K视频引擎、最快的HTML、图像引擎以及功能强大的CPU，为企业应用提供无与伦比的性能。这种先进的数字标牌安装技术支持H.264和H.265解码、杜比视界和HDR10+媒体简介、全高清和4K播放，包括自定分辨率模式。它提供了硬件加速的HTML5渲染引擎，可以完美地播放多个模块化HTML5资源，包括Javascript、CSS动画、WebGL甚至擦动/手势交互。所有XT型号都提供千兆以太网，而XT是唯一一款提供PoE+以及用于直播电视的HDMI输入。



### BrightSign XT244

#### XT244标准输入输出播放器

提供最强大的H.265 / H.264 4K和全高清视频引擎，支持Dolby Vision和HDR10+，4K升级和同时解码两个4Kp60视频。为企业应用程序提供最佳的HTML5性能。这套标准的输入输出套件包括带有千兆以太网的PoE+、GPIO、IR、模拟/数字音频和M.2 SSD PCIe接口。



### BrightSign XT1144

#### XT1144 扩展版输入输出播放器

包括BrightSign XT 244的所有功能，另添加序列埠、双USB插口(种类A和C)以及透过HDMI2.0输入从不同平台截取的直播电视录放内容(包括受保护的HDCP内容)。



## 特点



H.265



4Kp60  
双解码



强大的4K视频  
引擎



以太网供电



电视直播



企业  
HTML5



IP流媒体服务器



BrightBeacon™



BrightWall™



AutoWall™



区间



BrightPlates™



互动



即时信息



GPS击发



标记



BrightSign 程序



预览发布内容



远程快照



B-Deploy



IP流媒体



数字音频



自定分辨率



M.2 SSD  
接口

## 规格

产品型号	XT244	XT1144
<b>视频引擎处理器</b>		
原生4K @ 60p杜比视界和HDR10 + 视频解码	X	X
单视频解码: 4K 或 1080p60	X	X
双视频解码: 4K 或 1080p60	X	X
<b>媒体格式</b>		
H.265 / H.264视频编解码器支持4K内容	X	X
4K H.265内容的视频封装: .ts、.mov、.mp4、.mkv	X	X
全高清视频编解码器: H.265、H.264 (MPEG4 - 第10部分)、MPEG-2	X	X
全高清内容的视频封装: .ts、.mpg、.vob、.mov、.mp4、.m2ts、.wmv	X	X
支持图像高达4K BMP、JPEG、PNG	X	X
音频: MP2、MP3、AA 和WAV (AC3被穿过)	X	X
HTML5	X (企业)	
<b>显示分辨率</b>		
4K分辨率: 4096x2160, 3840x2160, 3840x600	X	X
倍增至: 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
<b>连接件</b>		
锁定电源连接器	X	X
外部微型SD插槽 (SDHC和SDXC): SDHC存储高达32GB; SDXC存储高达2TB	X	X
M.2 SSD PCIe 接口	X	X
高速USB主机端口 (支持内容更新)		X (2 接口; 种类 A&C)
12针凤凰GPIO端口 (8针双向端子)	X	X
3.5毫米RS232序列埠接口		X
3.5毫米IR 输入 / 输出	X	X
3.5mm音频输出 (模拟或SPDIF数字·非同步)	X	X
HDMI 2.0a 输出	X	X
HDMI 2.0a 输入		X
以太网	X (千兆)	
以太网供电 (PoE+)	X	X
M.2 (E) 键控WiFi/蓝牙连接器	X	X
外置无线天线连接器	X	X
状态指示灯	电源、忙碌、无线、更新	
重置按钮	X	X
实时时钟	X	X
<b>特性</b>		
H.265解码: 比H.264更小的文件大小和更高质量的内容	X	X
强大的4K视频引擎: 原生4K Dolby Vision和HDR10+解码、4K倍增、双视频解码和卓越的缩放技术	X	X
电视直播: 通过HDMI2.0a输入直播电视内容至你的标牌·包括受保护的HDCP内容		X

产品型号	XT244	XT1144
HTML5: 硬件加速的HTML 5引擎可播放高达4K分辨率的全屏和模块化HTML5资源·以及高带宽全高清或4K视频	X (企业)	
BrightBeacon™: 移动设备和标牌之间的双向蓝牙/信标通信 (需要: 无线/蓝牙模块)	X	X
BrightWall™: 多个显示器的帧精确同步回放	X	X
Autowall™: HTML5的力量·创造独特的多媒体视频墙	X	X
区间: 在一个屏幕上播放多种内容类型	X	X
自定义分辨率: 同时播放众多较小分辨率的影片·加起来就是播放器视频的最大分辨率	X	X
IP流: 播放流媒体	X	X
IP流服务器: 从本地BrightSign存储服务器提供IP流	X	X
编码服务器: 转码或复合/编码IP流	X	X
互动性: 连接任何类型的互动设备至众多互动性的端口	X (GPIO, IR, UDP)	X (GPIO, dual USB, 序列埠, IR, UDP)
即时消息: 实时数据、文字直播、MRSS、Twitter、Flickr等	X	X
标记: BrightSign网络用户可以为高度针对性的内容分发媒体和播放器标签	X	X
BrightSign程序: 使用iOS设备更新标志	X	X
GPS击发: 根据地点触发播放 (需要USB加密锁)		X
登录预览: BrightAuthor预览演示播放	X	X
远程快照: 远程查看显示器播放的映像快照	X	X
BrightPlates™: 简易地建立基于模板的标记创建服务	X	X
联网: 更新、管理及排程您的标牌	X	X
B-deploy: 一个设置功能同时能设置多台播放器	X	X
扩展热量: 支持0°和70°C之间的环境温度·最大相对湿度为90%·无冷凝	X	X
<b>软件</b>		
免费BrightAuthor软件	X	X
BrightSign 联网选项	X	X
<b>附件</b>		
USB按键板		X
无线/蓝牙模块	X	X
Micro SD 卡 (Class 10) (各种容量)	X	X
<b>其他</b>		
尺寸 (W x H x D)	179.9 x 21.9 x 204.2mm or 7.1 x 0.86 x 8 in	
重量	20 oz	
电源	12V / 3A (36 Watts)	
多国电源及安规认证	X	X
内置墙壁安装支架	X	X
1年保修·包括部件及人工	X	X