

BRIGHTSIGN XD

TRUE 4K DOLBY VISION™ AND HDR10**+ 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/H.264-encoded native 4K content at 60fps, Dolby Vision, 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 XD234

Standard I/O Player

Offers a powerful 4K video engine capable of decoding one 4Kp60 video or two Full HD videos simultaneously and supports Dolby Vision and HDR10+ content. It includes the standard I/O package of Gigabit Ethernet, GPIO, IR, analog/digital audio, and an M.2 SSD PCIe interface.

























BrightSign XD1034

Expanded I/O Player

Includes all the features BrightSign XD234 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 |  BrightBeacon™ |  BrightWall™ |  AutoWall™ |
|  Zones |  BrightPlates™ |  Interactive |  Live Feeds |  Geo-Fencing |  Tagging |  BrightSign App |  Sign Preview |
|  Remote Snapshot |  B-Deploy |  Digital Audio |  Mosaic Mode |  IP Streaming Server |  M.2 SSD PCIe Interface | | |

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

SPECIFICATIONS

| MODEL | XD234 | XD1034 |
|--|------------------------------|--------|
| 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: 1080p60 | X | X |
| MEDIA FORMATS | | |
| Video Codecs for 4K content: H.265/H.264 | X | X |
| Video Containers for 4K H.265/H.264 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 BMP, JPEG, PNG | X | X |
| Audio: MP2, MP3, AAC, and WAV (AC3 is passed through) | X | X |
| HTML5 | X (Advanced) | |
| 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 |
| Ethernet | X (Gigabit) | |
| M.2 (E) Keyed Wi-Fi/Bluetooth Connector | X | X |
| Wi-Fi External Antenna Connector | X | X |
| Status LEDs | Power, Busy, Wireless, Error | |
| 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 |
| Powerful 4K Video Engine: native 4K Dolby Vision and HDR10+ decoding, 4K upscaling, dual 1080p video decoding and superior scaling technologies | X | 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 (Advanced) | |

| MODEL | XD234 | XD1034 |
|---|---|-------------------------------------|
| 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: 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 |
| 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 |
| 1 year warranty, parts and labor | X | X |