




# BRIGHTSIGN 4K



**STATE-OF-THE-ART TECHNOLOGY. SUPPORTS 4K HDR PLAYBACK.**

BrightSign 4K delivers unsurpassed performance with our fastest HTML and graphics engine and the most processing power. This state-of-the-art technology for leading-edge digital signage installations includes playback of H.265-encoded native 4K content at 60fps, and supports the transfer of CEA HDR10 encoded video over HDMI 2.0a.

|   |   |  |
|---|---|--|
| <p><b>BrightSign 4K242</b><br/>Networked Basic Interactive Player</p>  <p>Offers the most powerful video engine capable of dual decoding of one 4K and one Full HD video simultaneously, abundant content support including HTML5, PoE+ (Type 2), networking and interactivity via UDP and GPIO.</p> <p><b>Price:</b></p> | <p><b>BrightSign 4K1042</b><br/>Networked Multi-Control Interactive Player</p>  <p>All the features of the 4K242 plus S/PDIF output for pure digital surround sound audio and additional interactive controls including USB and serial.</p> <p><b>Price:</b></p> | <p><b>BrightSign 4K1142</b><br/>Networked Multi-Control Interactive and Live TV Player</p>  <p>Includes all the features BrightSign 4K offers plus 4K Live TV playback via the HDMI 2.0 input to play content from any broadcast channel – even protected HDCP content.</p> <p><b>Price:</b></p> |
|---|---|--|

**4K1142**

- 4K Live TV

**4K1042**

- Touch
- USB, Serial & GPIO Interactivity
- Digital Sound
- Geo-Fencing

**4K242**

- HDR
- Native 4K
- Powerful Video Engine
- 4K Upscaling
- PoE+
- Power over Ethernet+
- Remote Snapshot
- IP Streaming
- IP Streaming Server
- BrightWall™
- Sign Preview
- Zones
- GPIO & IR Interactivity
- Live Feeds
- UDP Control
- BrightSign App
- Networking

## SPECIFICATIONS

| MODEL  | 4K242   | 4K1042                                     | 4K1142   |
|--|---|--|--|
|  | Networked Basic Interactive Player                          | Networked Multi-Control Interactive Player | Networked Multi-Control Interactive and Live TV Player |
| <b>VIDEO ENGINE DECODER</b>  |   |  |  |
| Dual decoding of one 4K (3840x2160@60p) and one Full HD (1920x1080@60p) video simultaneously | X   | X  | X  |
| <b>MEDIA FORMATS</b>   |   |  |  |
| Video Codecs supported for Full HD content: H.265, H.264, MPEG-1, MPEG-2, WMV                | X   | X  | X  |
| Video Codec supported for 4K/UHD content: H.265  | X   | X  | X  |
| Video Containers: MPEG-2 transport and program streams, AVCHD/BDVA, ASF, MP4, MOV            | X   | X  | X  |
| 3D Capability (side-by-side, top-over-bottom)  | X   | X  | X  |
| Images: BMP, JPEG, PNG   | X   | X  | X  |
| Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)  | X   | X  | X  |
| HTML5 Support  | X   | X  | X  |
| <b>DISPLAY RESOLUTIONS*</b>  |   |  |  |
| PAL/NTSC   | X   | X  | X  |
| Native 4K resolutions: 3840x2160x24/25/30/50/60p   | X   | X  | X  |
| Upscaling to: 3840x2160x24/25/30/50/60p  | X   | X  | X  |
| 1920x1080x24/25/30/50/60p  | X   | X  | X  |
| <b>HARDWARE INTERFACES</b>   |   |  |  |
| Locking Power Connector  | X   | X  | X  |
| SD Slot for SDHC and SDXC; Storage via SDXC (up to 2TB)                                      | X   | X  | X  |
| Internal Micro SD Slot   | X   | X  | X  |
| mSATA  | X   | X  | X  |
| USB 3.0 High Speed Host Port   |   | X (1 port)                                 | X (2 ports)  |
| GPIO Port (8 bi-directional)   | X   | X  | X  |
| RS-232 Serial Port   |   | X  | X  |
| 3.5mm Analog Stereo Audio Out  | X   | X  | X  |
| S/PDIF Out   |   | X  | X  |
| 3.5mm IR Out   | X   | X  | X  |
| HDMI 2.0 Out   | X   | X  | X  |
| HDMI 2.0 Input   |   |  | X  |
| Gigabit Ethernet   | X   | X  | X  |
| Status LEDs  | Power, Error, Update, Network, Wi-Fi, Ethernet, MicroSD, SD |  |  |
| Reset Button   | X   | X  | X  |

\*Additional display resolutions are supported.

| MODEL  | 4K242   | 4K1042 | 4K1142 |
|--|---|--------|--------|
| <b>FEATURES</b>  |   |        |        |
| Powerful Video Engine: advanced dual video decoding with superior scaling technology | X   | X      | X      |
| Native 4K Playback of H.265 3820x2160x60p via HDMI 2.0                               | X   | X      | X      |
| 4K Upscaling: upscale 1080p content to sharp 4K resolution                           | X   | X      | X      |
| Live TV: HDMI 2.0 Input to play broadcast content                                    |   |        | X      |
| HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly         | X   | X      | X      |
| Touch: for interactive touch screen and kiosk presentations                          |   | X      | X      |
| Zones: playback multiple content types on a single screen                            | X   | X      | X      |
| BrightWall™: synchronized playback across multiple displays                          | X   | X      | X      |
| Interactivity: trigger playback from USB, GPIOs, serial ports                        | X (GPIO and IR only)                                    | X      | X      |
| UDP Control: interact with signage using networking                                  | X   | X      | X      |
| Live Feeds: Live Text, Live mRSS, Twitter, Flickr, etc.                              | X   | X      | X      |
| BrightSign App: update signs with an iOS device                                      | X   | X      | X      |
| Geo-Fencing: trigger playback based on location                                      |   | X      | X      |
| IP Streaming: play streaming media   | X   | X      | X      |
| IP Streaming Server: serve IP streams from local storage                             | X   | X      | X      |
| Sign Preview: preview presentation playback in BrightAuthor                          | X   | X      | X      |
| Networking: update and manage your signage, plus scheduling and day-parting          | X   | X      | X      |
| Usage tracking statistics and real time clock  | X   | X      | X      |
| Content update via USB   |   | X      | X      |
| <b>SOFTWARE</b>  |   |        |        |
| Free BrightAuthor Software   | X   | X      | X      |
| BrightSign Network and Web UI  | X   | X      | X      |
| <b>MISCELLANEOUS</b>   |   |        |        |
| USB Button Pads  |   | X      | X      |
| Wi-Fi Module   | X   | X      | X      |
| SDHC and MicroSD Class 10 Cards (various capacities)                                 | X   | X      | X      |
| Dimensions   | 196 x 68 x 170mm (WxHxD) or 7.8 x 2.6 x 6.8 in. (WxHxD) |        |        |
| Weight   | 28 oz. / 793.8 grams                                    |        |        |
| Power  | 12V / 5A  |        |        |
| Multi-Country Power & Regulatory Approvals   | X   | X      | X      |
| Built-in Wall Mounting Brackets  | X   | X      | X      |
| 1 year warranty, parts and labor   | X   | X      | X      |