# MIMO MONITORS

# 10.1" Display with BrightSign Built-In with HS124 Player

Touch: MBS-1080C / MBS-1080C-POE
Non-Touch: MBS-1080 / MBS-1080-POE

*A truly brilliant, smart, and professional tablet With BrightSign HS124 Player Built-In Digital Signage Module*

## 10.1" Wide Viewing Angle Digital Signage platform

Two trusted powerhouse digital signage leaders—Mimo Monitors and BrightSign—have teamed up to bring you the brand new Mimo Vue with BrightSign Built-In. Bringing to market a fully encompassing, reliable, all-in-one digital signage solution, this new partnership leverages the power of the Mimo Vue technology and integrates the industry-leading BrightSign platform. The result is a high quality, easy-to-install solution that's immediately digital signage ready, making it extremely simple to use, especially for those already reliant on the BrightSign platform.

The Mimo Vue HD is the second generation of Mimo Monitors 10.1" monitor line. It features a modern zero bezel design, a nearly 180 degree viewing angle from its bright, high contrast, IPS screen, and a resolution of 1280x800, that can display in either landscape or portrait orientations. Available with an optional base, the VESA75 pattern on the back is available where wall or pole mounting is desired.

## BrightSign Built-In

The BrightSign Built-In Digital Signage Module is an HD Series 3 class BrightSign player. The BrightSign Built-In module is compatible with all BrightSign software, services and supported CMS solutions.

### Features:

- 10.1" diagonal, IPS, 16:10, 1280x800 Resolution, Viewing angles: 85/85/85/85, Contrast ratio: 800:1
- 10 point capacitive touch panel (optional)
- Optional Power over Ethernet (PoE+)
- Mechanical drawings available upon request
- Highly reliable media handling platform
- S/PDIF digital audio
- Engaging interactive controls via GPIO and UDP
- 1x USB 2.0
- Serial and IR control for expanded interactive options
- WiFi / Bluetooth Module (optional) MBS-WIFI1-OPT -   enables Mimo Vue with BrightSign Built-In to network using Wi-Fi and operate BrightBeacon via Bluetooth
- BrightSign approved MicroSD memory cards are used to deliver reliable and quality performance for all Mimo Vue with BrightSign Built-In
- Powerful video engine (HS124 supports Full HD 1080p60 single decode; HS144 supports 4Kp60 single decode)
- Low-power, fan-less design
- HDMI output (HS124 supports 1.4; HS144 supports 2.0a) with CEC
- Mainstream HTML5 Engine
- Highly reliable media handling platform
- 100baseT Ethernet • S/PDIF digital audio
- Engaging interactive controls: GPIO, UDP, 1x USB 2.0, Serial and IR controls
- Wi-Fi / Bluetooth module (optional)
- SD Card, 8/16/32GB for Mimo Vue with BrightSign Built-In (MBS-SD08-OPT / MBS-SD16-OPT / MBS-SD32-OPT)

### Applications:

- Kiosk information system
- Gaming and amusement
- POP/POS
- Conference Room Scheduling
- Elevator / In-Wall Digital Signage
- Interactive Consumer Engagement

# BrightSign®
## Built-In

# Product Specifications

| MODEL | HS124 | HS144 |
|---|---|---|
| **VIDEO ENGINE DECODER** | | |
| Native 4K@60p video decoding | | X |
| 1080p60 video decoding | X | X |
| **MEDIA FORMATS** | | |
| Video Codecs for 4K content: H.265/H.264 | | X |
| Video Containers for 4K H.265/H.264 content: .ts, .mov, .mp4, .mkv | | X |
| Video Codecs for Full HD: H.265, H.264(MPEG-4, Part 10), MPEG-2, MPEG-1 | X | X |
| Video Containers for Full HD: .ts, .mpg, .vob, .mov, .mp4, .m2ts | X | X |
| Images: BMP, JPEG, PNG | X | X |
| Audio: MP2, MP3, AAC, and WAV (AC3 is passed through) | X | X |
| HTML5 | X (Mainstream) | |
| **DISPLAY RESOLUTIONS** | | |
| 4K resolutions: 4096x2160, 3840x2160, 3840x600 | | X |
| Upscaling to: 3840x2160x24/25/29.97/30p | | X |
| 1920x1200, 1920x1080x24/25/29.97/30/50/59.9 4/60p, 1920x1080x50/59.94/60i, 1600x1200x60p, 1440x1050x60/75p, 1440x900x60/75p, 1360x768x60p, 1280x1024x60/75p, 1280x960x60p, 1280x800x60p/75p, 1280x768x60p, 1280x720x50/59.94/60p, 1024x768x60p, 800x600x60/75p, 720x576x50p/50i, 720x480x59.94/60p/60i, 640x480x60p | X | X |
| **HARDWARE CAPABLE INTERFACES** | | |
| External micro SD Slot (SDHC and SDXC); SDHC storage up to 32GB SDXC storage up to 2TB | X | X |
| USB 2.0 High Speed Host Port (also supports content updates) | X | X |
| Phoenix GPIO Port (4-pin bi-directional terminal block) | X | X |
| RS-232 Serial Port | X | X |
| IR In/Out | X | X |
| Audio Out (analog & digital) | X | X |
| HDMI Out | X (1.4) | X (2.0a) |
| Ethernet | X (100baseT) | |
| M.2 (E) Keyed Wi-Fi/Bluetooth Connector (for the Wi-Fi module) | X | X |
| Status LEDs | Power, Error, Busy, Update | |
| Reset and Service Buttons | X | X |
| Real Time Clock | X | X |

| MODEL | HS124 | HS144 |
|---|---|---|
| **FEATURES** | | |
| H.265 Decoding: smaller file sizes and lower bitrates than H.264 | X | X |
| HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly alongside high-bandwidth video | X (Mainstream) | |
| BrightBeacon™: 2-way Bluetooth/Beacon communication between mobile devices & signage | X | X |
| BrightWall™: synchronized playback across multiple displays | 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 |
| Interactivity: connect virtually any type of interactive device to a multitude of interactive ports | X  (GPIO, USB, serial, 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 | 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 |
| **SOFTWARE** | | |
| Free BrightAuthor Software | X | X |
| BrightSign Networking Options | X | X |
| **ACCESSORIES** | | |
| USB Button Pads | X | X |
| Wireless/Bluetooth Module | X | X |
| MicroSD Class 10 Cards (various capacities) | X | X |
| **MISCELLANEOUS** | | |
| Dimensions with fin (W x H x D) | 100 x 70 x16.5 mm or 3.9 x 2.8 x 0.6 in | |
| Dimensions without fin (W x H x D) | 100 x 70 x7 mm or 3.9 x 2.8 x 0.28 in | |
| Weight | 2.6 oz | |
| Power | 12V / 2A | |
| 1 year warranty, parts and labor | X | X |

# BrightSign Features

H.265 | Mainstream 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

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