BrightSign®

BRIGHTSIGN OPS

OPS COMPATIBLE DIGITAL SIGNAGE MEDIA PLAYER

Part of the HD Series 3 product family, the HO523 is BrightSign's first OPS compatible digital signage media player. The inside edge features a JAE TX25 plug for connecting to interior display components (video, USB, serial, etc.) The outside edge has industry-standard connectors, as well as specialized device control and feedback interfaces.

Price: $400

Outside Connectors

- Wi-Fi/Bluetooth module (optional)
- RJ45 Ethernet (10/100/1000)
- Dual USB 2.0 (type A)
- GPIO (6 pins)
- IR (In/Out)
- 3.5mm Audio Out (analog & SPDIF digital)
- RS-232 serial (3.5mm jack)
- MicroSD slot
- Service button
- Reset button

Inside Connectors

- JAE TX25 plug (OPS compatible)
- M.2 interface (for optional WiFi module)

Features

- HD class performance; runs BrightSign software or compatible CMS partners software
- Flexible design: OPS compatible module and enclosure
- Electrical, mechanical, and thermal compatibility with Intel® OPS specification
- Optional on-board Wi-Fi (IEEE 802.11a/b/g/n)
- H.265/H.264 video decode
- Video output up to 1080p60
- 10-bit video output (using H.265)
- Hardware accelerated HTML5 support

H.265	1080p60 single decode	Mainstream 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 Sound	Mosaic Mode

SPECIFICATIONS

MODEL	H0523
VIDEO ENGINE DECODER	
Single 1080p60 video decoding	X
MEDIA FORMATS	
Video Codecs: H.265, H.264(MPEG-4, Part 10), MPEG-2, MPEG-1	X
Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts, .wmv	X
Images: BMP, JPEG, PNG	X
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	X
HTML5	X (Mainstream)
DISPLAY RESOLUTIONS	
1920x1080x24/25/29.92/30/50/59.94/60p, 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
HARDWARE INTERFACES	
External micro SD Slot (SDHC and SDXC); SDHC storage up to 32GB SDXC storage up to 2TB	X
2 USB High Speed Host Ports (also supports content updates)	X (Type A)
Phoenix GPIO Port (6-pin bi-directional)	X
3.5mm RS-232 Serial Port	X
3.5mm IR In/Out	X
3.5mm Audio Out (analog & SPDIF digital)	X
HDMI 1.4a Out over JAE connector	X
Ethernet	X (Gigabit)
M.2 (E) Keyed Wi-Fi/Bluetooth Connector (for the Wi-Fi module)	X
Wi-Fi External Antenna Connector (optional)	X
Status LEDs	Power, Error, Busy, Update
Reset and Service Buttons	X
Real Time Clock	X
FEATURES	
H.265 Decoding: smaller file sizes and lower bitrates than H.264	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 (requires: wireless/Bluetooth module)	X
BrightWall™: synchronized playback across multiple displays	X

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AutoWall™: embraces the power of HTML5 to create unique multimedia video walls	X
Zones: playback multiple content types on a single screen	X
Mosaic Mode: simultaneously play a multitude of smaller resolution videos that add up to the maximum video resolution of the player	X
IP Streaming: play streaming media	X
IP Streaming Server: serve IP streams from local storage	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
Tagging: BrightSign Network users can assign media and player tags for highly targeted content distribution	X
BrightSign App: update signs with an iOS device	X
Geo-Fencing: trigger playback based on location (requires USB dongle)	X
Sign Preview: preview presentation playback in BrightAuthor	X
Remote Snapshot: remotely view a snapshot image of the display's playback	X
BrightPlates™: easy template-based sign creation service	X
Networking: update, manage and schedule your signage	X
B-deploy: A setup feature to deploy many players at once	X
Extended Thermal: supports ambient temperatures between 0° & 70° C at 90% max relative humidity, non-condensing	X
SOFTWARE	
Free BrightAuthor Software	X
BrightSign Networking Options	X
ACCESSORIES	
USB Button Pads	X
Wireless/Bluetooth Module	X
MicroSD Class 10 Cards (various capacities)	X
MISCELLANEOUS	
Dimensions (W x H x D)	200 x 30 x 122mm or 7.9 x 1.2 x 4.8 in
Weight	22.9 oz
Power	12V-19V DC nominal
Multi-Country Power & Regulatory Approvals	X
1 year warranty, parts and labor	X