

# BRIGHTSIGN HD5

## BUILT FOR INTERACTIVITY & 4K

Build experiences that go beyond the screen with the all new BrightSign HD5. This ultra-high-definition player is purpose-built for interactivity, 4K60p HDR10 video, and demanding HTML5 animations. With its flexible I/O set, interactive peripherals like touch screens, proximity sensors, and buttons are easy to install and control. UDP and serial commands can be used to control environmental elements like lighting and conference room routing. Integrated partner solutions enable networks of players to deliver audience measurement, monetization, and analytics data to a centralized dashboard. A patented aluminum enclosure and slim form factor allows the device to operate reliably in extreme conditions. With its full set of I/O connections, high-quality 4K video, and advanced HTML performance BrightSign HD5 is the player of choice for captivating experiences that connect with your audience.



### FEATURES

- Plays 4K60p video with High Dynamic Range (HDR10)
- Rotates Full HD video and performs dual HD video decoding
- Plays demanding 2D motion graphics and animations smoothly in Full HD
- Supports responsive single touch interactions with Full HD graphics and swipe interactions with scaled down 2D graphics
- Offers a full set of I/O connections for any type of interactivity including USB, serial, GPIO, IR, and Ethernet
- Tracks usage data for interactions with connected peripheral devices
- Integrates with partner solutions for audience measurement, analytics & monetization solutions
- Operates in tight spaces & extreme conditions with its ultra-thin design & patented aluminum enclosure
- Runs our purpose-built BrightSign OS delivering legendary reliability, security, and uptimes

#### HD225

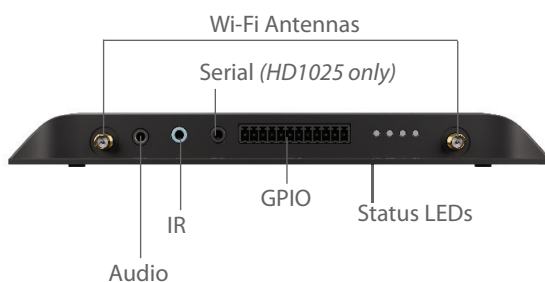


Standard I/O Package

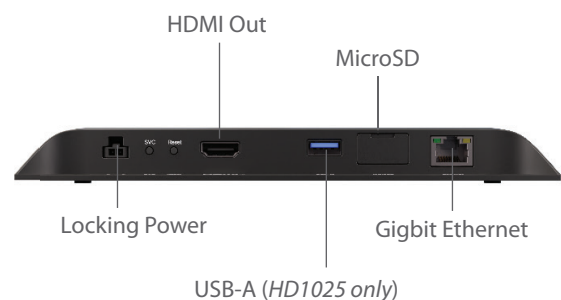
#### HD1025



Expanded I/O Package



Front View



Back View

## SPECIFICATIONS

MODEL	HD225 Standard I/O	HD1025 Expanded I/O
<b>VIDEO &amp; HTML5 ENGINES</b>		
4K60p video decoding	X (10-bit)	X (10-bit)
Full HD video decoding	X	X
Dual HD video decoding	X	X
Single HD video rotation	X	X
HDR10 and HLG	X	X
Full HD images & graphics	X	X
Supports customizable display resolutions with unique aspect ratios	X	X
HTML5 performance level	<b>Advanced Performance</b> Plays demanding 2D motion graphics in Full HD with single touch interactivity	
<b>MEDIA FORMATS</b>		
4K Video codecs: H.265 at 60p and H.264 at 30p	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv	X	X
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X
Images: BMP, JPEG, PNG up to 4K resolution	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, WebGL	X	X
<b>HARDWARE INTERFACES</b>		
HDMI™ Output 2.0a	1	1
Ethernet	X Gigabit	X Gigabit
USB Type C port: supports high-speed host mode & provides 5V/1A power to peripheral devices		
USB Type A port: provides 5V/1A power to peripheral devices		1
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

MODEL	HD225 Standard I/O	HD1025 Expanded I/O
3.5mm Audio Out (analog & SPDIF digital)	X	X
Gigabit Ethernet	X	X
Primary Storage: External micro SD slot protected by a tool-less cover	X	X
Optional Storage: M.2 PCIe for NVMe SSD		
Optional Wi-Fi/Bluetooth: E Key M.2 Interface for WD-105 module	X	X
Status LEDs	4	4
Reset and Service Buttons	X	X
Real Time Clock with 14-day life	X	X
Locking Power Connector	X	X
<b>ACCESSORIES</b>		
BP200 & BP900 USB Button Pads	X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X
MicroSD Class 10 Cards (various capacities)	X	X
256GB PCIe NVMe M.2 SSD PCIe	X	X
BrightSign Mobile USB Modem & Service	X	X
<b>SOFTWARE &amp; SERVICES</b>		
BrightSign OS	X	X
Free BrightAuthor:connected or BrightAuthor software	X	X
Free Control Cloud	X	X
Subscription-based BSN.cloud	Optional	Optional
BrightSign Mobile Service	Optional	Optional
<b>MISCELLANEOUS</b>		
Perfected Industrial Design - Simplified Wi-Fi & SSD installation & Patented aluminum enclosure dissipates heat	X	X
Dimensions (WxDxH)	205 x 185.9 x 19.2 mm	
Shipping weight	1.3 kg	
Player weight	0.63 kg	
Power Supply	12V / 3A	
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting Brackets	X	X
1 year warranty, parts and labor*	X	X

\*2 year warranty, parts and labor, for units shipped from an EU or UK distribution center and to an EU or UK address.