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, 4K 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 4K video, 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

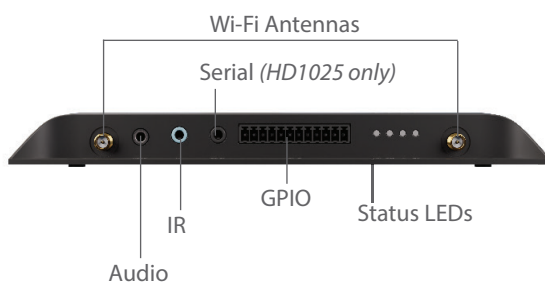• Runs our purpose-built BrightSignOS™ delivering legendary reliability, security, and uptimes
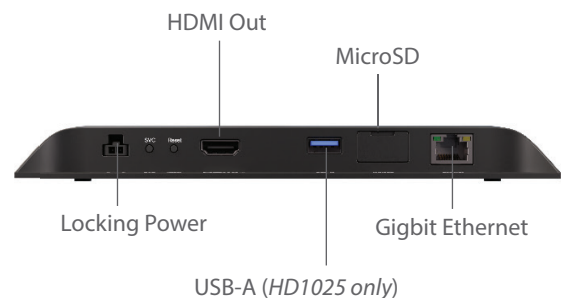
HD225

Standard I/O Package

HD1025

Expanded I/O Package

Wi-Fi Antennas
Serial (HD1025 only)
GPIO
Status LEDs
IR
Audio

Front View

HDMI Out
MicroSD
Locking Power
Gigbit Ethernet
USB-A (HD1025 only)

Back View

SPECIFICATIONS

MODEL	HD225 Standard I/O	HD1025 Expanded I/O
VIDEO & HTML5 ENGINES		
4K60p video decoding	X (8-bit)	X (8-bit)
Full HD video decoding	X	X
Dual HD video decoding	X	X
Single HD video rotation	X	X
Full HD images & graphics	X	X
Supports customizable display resolutions with unique aspect ratios	X	X
HTML5 performance level	Modular 2D motion graphics	Interactive 2D motion graphics
MEDIA FORMATS		
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	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, webGL	X	X
HARDWARE INTERFACES		
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
3.5mm Audio Out (analog & SPDIF digital)	X	X
Gigabit Ethernet	X	X

MODEL	HD225 Standard I/O	HD1025 Expanded I/O
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
ACCESSORIES		
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
SOFTWARE & SERVICES		
BrightSignOS	X	X
Free BrightAuthor:connected or BrightAuthor software	X	X
Free Control Cloud	X	X
Subscription-based BSN.cloud	X	X
BrightSign Mobile Service		X
MISCELLANEOUS		
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.