BrightSign®

BRIGHTSIGN HD

AN UPDATED CLASSIC NOW WITH TRUE 4K. MAINSTREAM PERFORMANCE.

BrightSign HD models are ideal for mainstream 4Kp60, Full HD and HTML5 applications that require high reliability and ease of use. All models offer H.265 decoding, HTML5 rendering and Gigabit Ethernet. Robust interactive controls, live content features, Video Walls and Mosaic Mode make this set of players a perfect fit for a wide range of applications.



BrightSign HD224



Standard I/O Player

Enjoy flawless 4K and Full HD single video decoding, mainstream HTML5 performance and simultaneous playback from local, networked and streaming sources. Includes the standard I/O package of Gigabit Ethernet, GPIO, and analog/digital audio.



BrightSign HD1024

Expanded I/O Player

All the features of the HD224 plus additional interactive options via USB 2.0 (type A), and serial ports to fully engage your audience.

Features



4K60p single decode



Mainstream HTML5



1080p60 single decode



H.265



HDR10 &



Mosaic



Entry-Level HTML5



Digital Audio



IP Streaming



BrightBeacon™



Video Walls



AutoWall™



7ones



Interactive



Live Feeds



Geo-Fencing



Sign Preview



B[®]

App



Remote Snapshot



Networking



B-Deploy



SPECIFICATIONS

MODEL	HD224	HD1024
VIDEO ENGINE DECODER		
True 4K@60p video decoding	Χ	Х
Single 4K or 1080p60 video decoding	Χ	Χ
MEDIA FORMATS		
Video Codecs for 4K content: H.265/H.264	Χ	Х
Video Containers for 4K H.265/H.264 content: .ts, .mov, .mp4	Χ	Χ
Video Codecs for Full HD: H.265, H.264(MPEG-4, Part 10), MPEG-2, MPEG-1	Χ	Х
Video Containers for Full HD: .ts, .mpg, .vob, .mov, .mp4, .m2ts	Χ	Χ
Images: BMP, JPEG, PNG	Χ	Х
Audio: MP2, MP3, AAC, and WAV (AC3 is passed through)	Χ	Χ
HTML5	X (Mainstream)	
DISPLAY RESOLUTIONS		
4K resolutions: 4096x2160, 3840x2160, 3840x600	Х	Х
Upscaling to: 3840x2160x24/25/29.97/30p	Χ	Х
1920x1200, 1920x1080x24/25/29.97/30/50/59.94/60p, 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	Х	Х
HARDWARE INTERFACES		
External micro SD Slot (SDHC and SDXC); SDHC storage up to 32GB SDXC storage up to 2TB	Χ	Х
USB High Speed Host Port (also supports content updates)		X (Type A)
12-pin Phoenix GPIO port with 8 bi-directional GPIOs	Χ	X
3.5mm RS-232 Serial Port		X
3.5mm IR In/Out	Χ	X
3.5mm Audio Out (analog -or- SPDIF digital, non- simultaneous)	Х	Х
HDMI 2.0a Out	Χ	Χ
Ethernet	X (Gigabit)	
M.2 (E) Keyed Wi-Fi/Bluetooth Connector	Χ	Χ
Wi-Fi External Antenna Connector (optional)	Χ	X
Status LEDs	Power, Error, Busy, Update	
Reset and Service Buttons	Χ	X
Real Time Clock	Χ	Χ
FEATURES		
H.265 Decoding: smaller file sizes and lower bitrates than H.264	Χ	Х
HDR10 & HLG	X	X
HTML5: hardware-accelerated engine that plays modular HTML assets flawlessly alongside high-bandwidth video	X (Mainstream)	
BrightBeacon TM : 2-way Bluetooth/Beacon communication between mobile devices & signage (requires: wireless/ Bluetooth module)	Х	х

Video Walls: synchronized playback across multiple displays X X AutoWall**: embraces the power of HTML5 to create unique multimedia video walls 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 X Interactivity: connect virtually any type of interactive device to a multitude of interactive ports X X (GPIO, UDP) X (GPIO, UDP) X (GPIO, UDP) USB, serial, UDP) Live Feeds: Live Data, Live Text, MRSS, Twitter, Flickr, etc. X 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 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 Extended Thermal: sustained ambient temperatures between -20°C and	MODEL	HD224	HD1024
multimedia video walls 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 IP Streaming: play streaming media X X Interactivity: connect virtually any type of interactive device to a multitude of interactive ports Live Feeds: Live Data, Live Text, MRS5, Twitter, Flickr, etc. X X Tagging: BrightSign Network users can assign media and player tags for highly targeted content distribution BrightSign App: update signs with an iOS device X X Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software Free BrightAuthor Software X X X X MISCELLANEOUS Dimensions (W x H x D) 159.9x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V/1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X X X Built-in Wall Mounting Brackets X X X X X X X X X X X X X	Video Walls: synchronized playback across multiple displays	X	Х
Mosaic Mode: simultaneously play a multitude of smaller resolution videos that add up to the maximum video resolution of the player IP Streaming: play streaming media IN Streaming: play streaming media X X X (GPIO, UDP) Interactivity: connect virtually any type of interactive device to a multitude of interactive ports It will be a multitude of interactive ports X (GPIO, 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 BrightSign App: update signs with an iOS device X X Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor X X Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X ACCESSORIES USB Button Pads X X Miscellaneous Dimensions (W x H x D) 159,9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets		X	Х
resolution videos that add up to the maximum video resolution of the player IP Streaming: play streaming media X X Interactivity: connect virtually any type of interactive device to a multitude of interactive ports X (GPIO, 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 BrightSign App: update signs with an iOS device X X Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with translents up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X X X ACCESSORIES USB Button Pads X X Miscoell Class 10 Cards (various capacities) X X MISCELLANEOUS Dimensions (W x H x D) 159,9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X X Built-in Wall Mounting Brackets X X X X A X A CAPPIOLICATION AND AND AND AND AND AND AND AND AND AN	Zones: playback multiple content types on a single screen	Χ	Χ
Interactivity: connect virtually any type of interactive device to a multitude of interactive ports Interactivity: connect virtually any type of interactive device to a multitude of interactive ports It verseds: 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 RrightSign App: update signs with an iOS device Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor X X Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X SerightSign Networking Options X X Mircless/Bluetooth Module X X MiscreSD Class 10 Cards (various capacities) X X MISCELLANEOUS Dimensions (W x H x D) 159,9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets	resolution videos that add up to the maximum video	X	Х
a multitude of interactive ports X (GPIO, 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 BrightSign App: update signs with an iOS device X X Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor X X Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage R-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X ACCESSORIES USB Button Pads Wireless/Bluetooth Module X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets	IP Streaming: play streaming media	Χ	X
Tagging: BrightSign Network users can assign media and player tags for highly targeted content distribution BrightSign App: update signs with an iOS device X X Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor X X Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software BrightSign Networking Options X X ACCESSORIES USB Button Pads X Wireless/Bluetooth Module X X Miscellaneous Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets	Interactivity: connect virtually any type of interactive device to a multitude of interactive ports	X (GPIO, UDP)	USB, serial,
player tags for highly targeted content distribution BrightSign App: update signs with an iOS device X X Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor X X Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X X ACCESSORIES USB Button Pads X Wireless/Bluetooth Module X X Miscellaneous Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V/1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X A Built-in Wall Mounting Brackets	Live Feeds: Live Data, Live Text, MRSS, Twitter, Flickr, etc.	Χ	Χ
Geo-Fencing: trigger playback based on location (requires USB dongle) Sign Preview: preview presentation playback in BrightAuthor X X X Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage X X X B-deploy: A setup feature to deploy many players at once X X Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X X ACCESSORIES USB Button Pads X X Wireless/Bluetooth Module X X X Miscellaneous Dimensions (W x H x D) 159.9 x 22 x 144.2 mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V/1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets X X		X	Х
USB dongle) Sign Preview: preview presentation playback in BrightAuthor Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage Redeploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software RegightSign Networking Options ACCESSORIES USB Button Pads Wireless/Bluetooth Module X X Miscellaneous Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V/1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X X Built-in Wall Mounting Brackets	BrightSign App: update signs with an iOS device	Χ	X
Remote Snapshot: remotely view a snapshot image of the display's playback Networking: update, manage and schedule your signage B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software BrightSign Networking Options X X ACCESSORIES USB Button Pads Wireless/Bluetooth Module X X MISCELLANEOUS Dimensions (W x H x D) 159,9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X			X
display's playback Networking: update, manage and schedule your signage Redeploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X X RightSign Networking Options X X ACCESSORIES USB Button Pads Wireless/Bluetooth Module X MicroSD Class 10 Cards (various capacities) X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets	Sign Preview: preview presentation playback in BrightAuthor	X	X
B-deploy: A setup feature to deploy many players at once Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software ReightSign Networking Options X X ACCESSORIES USB Button Pads Wireless/Bluetooth Module X MicroSD Class 10 Cards (various capacities) X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X X Built-in Wall Mounting Brackets		X	Х
Extended Thermal: sustained ambient temperatures between -20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X X BrightSign Networking Options X X X ACCESSORIES USB Button Pads X X Wireless/Bluetooth Module X X X MicroSD Class 10 Cards (various capacities) X X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V/1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets X X	Networking: update, manage and schedule your signage	X	Χ
-20°C and 50°C with transients up to 70°C at 90% max relative humidity, non-condensing SOFTWARE Free BrightAuthor Software X X X BrightSign Networking Options X X X ACCESSORIES USB Button Pads X X Wireless/Bluetooth Module X X X MicroSD Class 10 Cards (various capacities) X X X MISCELLANEOUS Dimensions (W x H x D) 159,9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V/1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets X X X	B-deploy: A setup feature to deploy many players at once	X	X
Free BrightAuthor Software X X X BrightSign Networking Options X X ACCESSORIES USB Button Pads X X Wireless/Bluetooth Module X X X MicroSD Class 10 Cards (various capacities) X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	-20°C and 50°C with transients up to 70°C at 90% max relative	Х	Х
BrightSign Networking Options X X ACCESSORIES USB Button Pads X X Wireless/Bluetooth Module X X X MicroSD Class 10 Cards (various capacities) X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets X X	SOFTWARE		
ACCESSORIES USB Button Pads X Wireless/Bluetooth Module X X MicroSD Class 10 Cards (various capacities) X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets	Free BrightAuthor Software	Χ	X
USB Button Pads X Wireless/Bluetooth Module X X MicroSD Class 10 Cards (various capacities) X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	BrightSign Networking Options	Χ	X
Wireless/Bluetooth Module X X X MicroSD Class 10 Cards (various capacities) X X X MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X X Built-in Wall Mounting Brackets X X	ACCESSORIES		
MicroSD Class 10 Cards (various capacities) X X MISCELLANEOUS 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	USB Button Pads		X
MISCELLANEOUS Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	Wireless/Bluetooth Module	X	X
Dimensions (W x H x D) 159.9 x 22 x 144.2mm or 6.3 x 0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	MicroSD Class 10 Cards (various capacities)	X	Х
0.87 x 5.7 in Weight 12 oz Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	MISCELLANEOUS		
Power 12V / 1.5A (18 Watts) Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	Dimensions (W x H x D)		
Multi-Country Power & Regulatory Approvals X X Built-in Wall Mounting Brackets X X	Weight	12 oz	
Built-in Wall Mounting Brackets X X	Power	12V / 1.5A (18 Watts)	
	Multi-Country Power & Regulatory Approvals	X	X
1 year warranty, parts and labor* X X	Built-in Wall Mounting Brackets	Х	Х
	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.