BrightSign®

OS8.2 RELEASE NOTES

Version 8.2.26

AU3x5, XTx44, XDx34, HDx24, HS1x4, LS424, XTx43, XDx33, HDx23, HO523, HS123, LS423, 4Kx42

Changes Since 8.1.84

Improvements

- New AU3x5 audio-only player family is now supported.
    - AU3x5 supports local file playback and streaming from localhost.
    - AU335 supports ARC and eARC output for audio. This output supports compressed passthrough of AC3, EAC3, DTS, and PCM up to 96kHz sample rate.
- OS-10285, OS-10161: Improved streaming stability.
- OS-10608: VideoWall SetMultiscreenBezel now supports floating point arguments.
- OS-10041: Improved VideoWall sync.
- OS-10299: Added ability to track Vsync through TsmDecisionVsyncOffset.
- OS-10223: Expanded PCR timebase controls.
- OS-11189: Enabled leader and follower tickers to exist on the same player.
- OS-11203: Improved SyncManager timestamp readability in JavaScript.
- OS-11205: SyncManager is now supported from roNodeJS.
- OS-10977: PacketCapture is now supported from USB network devices.
- OS-11061: Enable 'Real Time' URL option for streams.
- OS-11287: HDx23 now paces UDP packets in groups when streaming.

- OS-11033: HDx23 now has reduced VFD backoff for PlayStaticImage.

- OS-11298: Arguments may now be passed to Node scripts launched through roNodeJs using new 'node_arguments' parameter. More information can be found [here](#).

- The AU3x5 audio player now supports seeking to an arbitrary position.

- OS-11251: roAudioPlayer.PlayFileAsync now runs asynchronously.

- OS-11190, OS-11199, OS-11192: Fixed various issues with ticker zones in multiscreen presentations.

- OS-6516: UDP output streaming now supports IPv6.

- OS-10649: New roUsbPowerControl and @brightsign/usbpowercontrol components for turning power to USB ports on and off for XT4 and AU3x5 players.

- OS-11257: New @brightsign/serialportlist module allows accessing serial ports from JavaScript using Node serialport.

- OS-11316: Improved handling of permissions on ext4 file systems.

- OS-11114: UrlTransfer/roAssetFetcher/roSyncPool.BindToInterface API now accepts an interface name and treats non-integer numeric type as an integer.

- OS-10847: AU335 supports USB device mode.

- OS-11190, OS-11199, OS-11192: Multiscreen tickers now display in-sync as expected, run smoother at non 60p videomodes, and perform better when displaying multiple on screen.

- OS-11375: Fixed blank screen when the video player called PlayStaticImage() after a fade out transition.

- OS-11281: Many DHCP client improvements.

- OS-11351: Physical interfaces used for VLANs no longer have IPv6 link-local addresses.

- OS-11365: Temporary directories are now properly cleaned up on success when encryptfs is enabled.

- OS-11363: Fixed alpha handling issue that could cause images to appear drastically different across displays.

- "node" command now available in the shell.

- OS-11380: Playback seeking for compressed audio now behaves as expected on AU3x5 models.

- OS-11394: Improved robustness when repeatedly starting and stopping playback on AU3x5 players.

- OS-11261: Added new @brightsign/cec Javascript object.

- OS-11402: Event properties are no longer contained in a "detail" object for many @brightsign/ modules.

- OS-11413, OS-11443: @brightsign/cookiestore no longer causes crashes and contains domain and path information.

- OS-11441, OS-11428, OS-11442: @brightsign/htmlwidget now has inspectorServer, bsObjects, security, and inputEnabled parameters.

- OS-11434: @brightsign/pointercalibration now has enableCursor() as a method.

- OS-11434: "cursor" command added to shell.

- OS-11431: roVideoMode.ConfigureHdmiInput now behaves as expected.

- OS-11439: roAssetCollectionView no longer exceeds file handle limit.

- OS-9559: 4096 wide 4K videos are now supported for playback on players capable of 4K playback.

- OS-10540: Cope better with video files encoded indicating square pixels.

- OS-11407: The first CEC send operation now properly generates an event.

- OS-11421: roAssetCollectionView filesystem is now correctly marked as read-only.

- OS-11106: Encrypted BrightScript is now supported on AU3x5 and Series 3 players.

- OS-11400: The following @brightsign/ modules now support relative paths: filesysteminfo, storageinfo, filesysteminfile, keystore.

- OS-7974: @brightsign/screenshot now accepts native filenames through destinationFileName properly.

- OS-7974: The following @brightsign/ modules use native paths rather than BrightScript-style paths: assetpoolfetcher, assetpool, assetrealizer.

- OS-9185: @brightsign/assetpoolfiles is a new Javascript module.

- OS-11456: @brightsign/videomodeconfiguration.getConfiguredMode no longer rejects 'auto' mode.

- OS-8482: @brightsign/htmlwidget no longer remaps BrightScript-style filenames.

- OS-11493: Fixed "saturating at 0x7FFFFF" errors in video volume control.

- OS-11492: Added support for 4096x2160 10 bit video on XT4.

- OS-11495: @brightsign/assetrealizer.validateFiles returns an empty array correctly.

- OS-11496: @brightsign/assetpoolfetcher progress events no longer provide 'total' property for assets that had no specified size.

- OS-10660: Improved Wi-Fi reliability in certain situations.

- New Supervisor and DWS version.
  - BCN-7033: Extensions and PoE are displayed again.
  - BCN-7568: Supports new /info API to include hardware and API features.

o BCN-7628: Fixed error that could occur when downloading log packages.

o BCN-8137: Failsafe will no longer aggressively clear the network name.

o BCN-7974: Added UI to control logging level.

o BCN-7945: Wi-Fi only players no longer lose network connection after re-provisioning.