

BrightSign®

FIRMWARE RELEASE NOTES

Version 6.2.63 (BrightSign 4Kx42, XDx32, HDx22)

Changes Since 6.2.45

End-User Notes

New Features

- (4Kx42) Support for the following video modes: 2048x1152x60p, 2560x1080x60p, 2560x1440x60p/30p, 2560x1600x60p, and 3440x1440x60p/50p/30p
- Support for streamed .wav audio files

Improvements

- (4Kx42) Boot up time has been reduced.
- Switching between MPEG2 video streams is now much more responsive.
- Players no longer crash when attempting to play a stream with an unsupported protocol.
- The performance of the scrolling ticker has been improved. The improvements will be more noticeable on XDx32 and HDx22 models.
- The "Please Insert Card" splash-screen instructions have been clarified.
- A player will now attempt to set its clock immediately upon connecting to a network.
- (4Kx42, XDx32) The Diagnostic Web Server now reports Type 2 PoE that has been negotiated over LLDP.
- The *roDeviceInfo.HasFeature()* method now supports the "HEVC decode" parameter.

Bug Fixes

- Static Domain Name configuration is now applied to WiFi/3G connections.
- (XDx32) It's now possible to perform a firmware update from Rescue Mode via USB.
- (XDx32) Switching between 2D and 3D modes has been fixed.
- (XT1142) Live Video (HDMI In) states now work with portrait-mode presentations.
- (4K1142) 10-bit 4K video modes at 75p now display correctly.
- (4K1142, XD1132) Video from HDMI input now respects volume settings.
- (4K1142, XD1132) Video from HDMI input no longer stutters when the input is initialized.
- (XDx32) Seagate SRD00F1 storage drives work with XDx32 players again.

Developer Notes

Improvements

- (4Kx42, XDx32) The H.264 video encoder has been improved to High profile with B-frames.
- HTML `<video>` elements now support blob URL sources. This allows playback of files that are stored locally using FileAPI or IndexedDB.
- You can now disable support for external storage devices (i.e. SD and USB) by adding `internal_only : true` to the `storage` section of the registry.

Bug Fixes

- Players no longer crash intermittently when playing `.ogg` video streams.

- There is no longer a delay when playing a stream that contains DVB teletext.
- (4Kx42) The 1920x1200 video mode has been fixed.
- (4Kx42) Playing HTML video with HWZ enabled no longer causes performance degradation for CSS animations.
- (4Kx42) Changes to the background color of a screen are now reflected in streams of the display.
- (4Kx42) Graphics elements now exhibit the correct framerate when encoding the display to a file.