



OS8 RELEASE NOTES

Version 8.0.69

XTx44, XDx34, HDx24, HS124, LS424, XTx43, XDx33, HDx23, HO523, HS123, LS423, 4Kx42

Changes Since 8.0.48

End User

New Features

- Support for the Silicon Works Multi-Touch touchscreen

Improvements

- Enhanced synchronization (PTP) is now supported over WiFi

Bug Fixes

- 32954: BrightSign players can now resume interrupted downloads of files larger than 2 GiB.
- 32796: Screenshots once again work when Mosaic Mode is enabled.
- 32942: A stretched BrightWall no longer displays incorrectly scaled frames between two videos with different resolutions.
- 32804: HLS live streams once again seek to the correct playback location when starting up.

Developer

New Features

- New *videooutput.setMpcdi()* JavaScript method
- New *videoinput.disableHdcpRepeater()* JavaScript method
- New `StableEnumeration()` global BrightScript function

- New *roNetworkConfiguration.SetWiFiFrequencies()* BrightScript method
- New *roUrlTransfer.RetainBodyOnError()* BrightScript method

Improvements

- The new “language” initialization parameter allows you to set the browser language of an *roHtmlWidget* instance.
- New “DisableYUV” parameter for the *roVideoMode.ConfigureHdmiInput()* method allows you to disable the YUV colorspace on the HDMI Input.
- The *roTextWidget* object now fails if you try to set an invalid master/slave combination with the *SetSyncManager()* and *SetMultiscreen()* methods.
- All HTML browser cookies are now applied to video playback.
- It is now possible to play streams on HTML pages that require authentication.

Bug Fixes

- 32946 (XTx44, XDx34, HDx24, HS124, LS424 only): HTML `<video>` elements now return an error when they attempt to play the unsupported VP8 codec.
- 32858: Destroying a video window displaying HDMI Input no longer prevents other video windows from displaying the HDMI Input.
- 32835: The `z-index` setting for an *roHtmlWidget* no longer overrides the `z-index` attribute for `<video>` elements.

- 32840: The `x-bs-` HTML attributes now work with `<video>` tags.
- 32600: An HTML video playlist no longer displays incorrectly scaled frames when transitioning between videos with different resolutions.
- 32168: HTML pages can once again play video files from IndexedDB using blob URLs.
- 32667: HTML videos no longer generate two JavaScript end events when they end.
- 32675: Certain HTTP streams no longer cause a memory leak and eventual crash on the player.
- 32893: The *roSyncManager* object now transmits synchronization messages locally on the player even when there is no Ethernet connected at bootup.
- 32896: If an *roSyncManager/BSSyncManager* slave device drops off of a WiFi network, it is now able to resynchronize when it rejoins the network.
- 32614: The `roUrlTransfer.SetCertificatesFile()` method no longer returns `true` when the specified file does not exist.
- 32866: The *assetrealizer.Realize()* JavaScript method no longer returns `Invalid` if the asset list is not correctly formatted.
- 32904: The HDx24, HS124, and LS424 now correctly report USB friendly names.
- 32936: A patch has been implemented for CVE-2019-11477.