

Release Notes - v1.2 Firmware

Requirements and Recommendations

This firmware version is uploaded to the AJA CION camera via the built-in web UI.

Note: AJA recommends performing a Factory Reset under the CONFIG menu prior to performing the firmware update and then again after the firmware update has been installed.

For detailed instructions on configuring the web UI and updating the CION firmware, as well as operation of new features, please refer to the CION Production Camera Operations Manual.

You can download the CION manual from the AJA Support website:

<https://www.aja.com/products/cion#support>

Image Improvements

- Improved white balance behavior. In particular, overexposed portions of an image are less prone to color shifts (when an appropriate white balance value has been selected or an appropriate auto white balance operation has been performed).
- Less restricted video levels. A wider IRE range is now available when using the various EI, gamma and color correction combinations.
- More gamma and color correction options are now available for the higher EI 800 and EI 1000 values.

New Features and Enhancements

- Added support for a video gamma monitoring LUT. In particular, this feature makes monitoring the Expanded 1 or Disabled gamma selections easier when an external LUT device is not being used.
- An auto white balance alarm is now provided. In the event an image does not contain a sufficient value of white or grey to perform an appropriate white balance, an auto white balance alarm will appear and the white balance will revert to the unity setting.
- Added an interval record (time lapse) indication to the superimposed output information.
- For the main SDI outputs, added an RGB Range selection where SMPTE or full range may be selected.
- Addressed an issue where setting the camera's static IP address required the camera to be re-started in order for the camera to be seen on a network with the new IP address.