AJA KONA™ Software Installer

Release Notes - Linux v14.0.1: Redhat / CentOS

Requirements and Recommendations

Operating System

- This driver/software version is compatible with Redhat/CentOS 7

- Before running this installer, uninstall all previous versions of AJA software.

  sudo yum remove ajantv2-dkms

  (also removes ajaretail since it depends on the ajantv2-dkms package)

- Two packages that must be installed: DKMS driver and AJA Retail Software

- The DKMS Driver installer requires the following package:

  sudo yum install epel-release

- The driver installer must run either in a root shell or with root permissions

  sudo yum install ajantv2-dkms-14.0.1-00.noarch.rpm

- The AJA Retail software must run either in a root shell or with root permissions

  sudo yum install ajaretail-14.0.1-00.x86_64.rpm

- For additional hardware recommendations and requirements, please see the links below:

  http://www.aja.com/en/support/kona-pc-system-configuration/

Software

The following software versions are recommended for use with this installer:

Control Room v14.0.1, Control Panel v14.0.1, System Test v14.0.1

For GPU accelerated desktop display, an Open CL version 1.2 or greater capable GPU is required

New Features in v14.0.1

General
- Linux Installation Optimization

KONA 4

- Added SDI Input Quad Swap
  - When checked (default setting), changes the input Quad to SDI quadrant mapping from 1 to 1 to: Quad1 SDI3 Quad2 SDI4 Quad3 SDI1 Quad4 SDI2

- SDI Output Quad Swap
  - When checked (default setting), changes the output Quad to SDI quadrant mapping from 1 to 1 to: Quad1 SDI3 Quad2 SDI4 Quad3 SDI1 Quad4 SDI2

Fixes and Improvements in v14.0.1

- Fixed UltraHD HDMI output in 2SI
- Fixed lack of Quarter Res output on SDI 3
- Fixed Closed Captioning for SD output
- Fixed input pass-through widget in Control Panel to show correct activity (HDMI down convert)
- Reinstated Python models
- Fixed issue whereby Control Room would display an AV sync issue during capture (but capture OK)

Deprecated Features in v14.0

KONA 4 firmware

- Quad link SDI sources are no longer viewable in UltraHD via HDMI, instead these sources will be down-converted for HD monitoring via HDMI (this limitation does NOT apply to 2SI sources).
- It is no longer possible to decimate HFR material in order to facilitate HDMI playback on a monitor not capable of HFR.

Fixes and Improvements in prior releases

v14.0

- Added VTR on/offline icon to Batch Capture bin window in AJA Control Room
- Fixed issue whereby device offline dialog gets stuck in loop for batch captures when clicking "OK" in AJA Control Room
- Fixed bad timecode with playback of DPX Cineon header sequences in AJA Control Room
- Fixed problem deleting a clip if loaded in the playback viewer in AJA Control Room
- Fixed problem with KONA LHi and KONA LHe Plus Analog inputs not detecting HD formats

v13.0

- Added KONA IP SMPTE 2022-6/7 firmware
- Added KONA IP Optional firmware for TR-01 complaint JPEG 2000 workflows
- Capture, monitoring and output for DNxHD and DNxHR (mov) up to 4K 60p using AJA Control Room
- Application presets can be saved and recalled in AJA Control Room
- In cases where AJA Control Room won't launch, holding SHIFT during startup allows users to reset preferences or use software only mode
- Upon enabling scripting, the preference to "hold onto device in background" is automatically engaged in AJA Control Room
- 16- and 24-bit audio capture support in AJA Control Room
- Timecode burn-in for video playback and application player in AJA Control Room
- Closed caption burn in for video playback and application player in AJA Control Room
- VTR control in AJA Control Room
- Audio track re-routing now available for QuickTime file playback in AJA Control Room
- 4K / UltraHD down-convert to HD now available via SDI 3 output contextual menu – including new drop-down menus and ability to save presets in AJA Control Panel

Relevant Products

The following products are covered by this update:

KONA 4	KONA LHe Plus
KONA 3G	KONA IP
KONA LHi	

Known Issues and Limitations

General

- 'System Sleep' should not be used with KONA and Io devices. All sleep and power efficiency modes should be disabled in the operating system settings.
- KONA LHi has only one audio system and is limited to capturing or outputting one channel at a time with audio. In applications where multiple video inputs and outputs can be used at the same time, the SDI input will have audio and the HDMI input will not. Additionally, if both input and output are used simultaneously and independently (as opposed to output passed through from input) only one channel will have audio.

Technical Support

AJA Technical Support is free and available to help you answer questions or resolve issues with any of your AJA products.

To contact AJA Technical Support:

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