

AJA KONA™ Software Installer

Release Notes - Linux v13.0: Ubuntu

Requirements and Recommendations

Operating System

- This driver/software version is compatible with Ubuntu 14 and 16.
- Before running this installer, uninstall all previous versions of AJA software.
- Two packages that must be installed: DKMS driver and AJA Retail Software
- The DKMS Driver installer requires the following package:

```
sudo apt-get install dkms
```
- The driver installer must run either in a root shell or with root permissions

```
sudo dpkg -i ajantv2-dkms_13.0.0-00_all.deb
```
- The AJA Retail software must run either in a root shell or with root permissions

```
sudo dpkg -i ajaretail_13.0.0-00_amd64.deb
```
- 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 v13.0, Control Panel v13.0, System Test v13.0

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

New in v13.0

AJA KONA IP firmware

- Optional firmware for TR-01 complaint JPEG 2000 workflows

AJA Control Room:

- Capture, monitoring and output for DNxHD and DNxHR (mov) up to 4K 60p.
- Application presets can be saved and recalled
- In cases where 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
- 16- and 24-bit audio capture support
- Timecode burn-in added for both video playback and capture
- Closed caption burn in added for both video playback and capture
- VTR control
- Audio track re-routing now available for media file playback

AJA Control Panel:

- 4K / UltraHD down-convert to HD now available via SDI 3 output contextual menu – including new drop-down menus and ability to save presets

Relevant Products

The following products are covered by this update:

KONA IP
KONA 4
KONA 3G

KONA LHi
KONA LHe Plus

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.

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