

AJA Ki Pro Ultra 12G Release Notes – v2.5

Firmware for Ki Pro Ultra 12G

Introduction

Ki Pro Ultra 12G v2.5 firmware is a feature and maintenance release. It is highly recommended that you update firmware to avoid any potential issues.

Be sure to consult the Installation and Operation Guide (user manual) for detailed information about features and configuration guidelines. The most current documentation can always be found on [Ki Pro Ultra 12G Support Page](#).

New Features in v2.5

- The WebUI now reports the 3G SDI level as part of the Input Data Rate
- The system now reports that it is in HDR mode, both on the front panel display and the WebUI.
- The system now offers the ability to cancel any non-current, recording-related alarms via the front panel and WebUI. Any alarms that are still active cannot be cancelled.
- The system now immediately displays a “Warning: Loss of Video Event” message on the front panel and the WebU if video was lost during recording, which persists until the next recording is started, or the alarm is cleared as detailed above.

Fixes, Changes and Improvements in v2.5

- Under certain circumstances, HDR settings would not persist across a system reboot. This has been corrected.
- When the video input was set to HDMI, genlock was set to input, and a UHD or 4K clip at 50, 59.94 or 60 frames per second was played, the system would erroneously report a genlock mismatch. This has been corrected.
- Recordings would fail when the input was in RGB form and the codec was set to DNxHD. This has been corrected..

- Enabling the Video Signal Generator with certain format selections would prevent the output SDI level adjustment from having an effect. This has been corrected.
- The system would record DNx files even if the user selected frame rates which were invalid for DNx files. This behavior has been removed from the system.
- Occasionally, the system could present the user with a rollover error, even though rollover recording was not enabled. This has been corrected.
- Changing the state of menu item 1.66 (HDMI Out) while the input was UHD or 4K could cause the front panel to freeze and recordings to be compromised. This has been corrected.
- When using “Time Of Day” as the timecode source for recordings, a change of Time/Date value via the front panel (menu item 55.4) would not reflect in the number displayed on the front panel display. This has been corrected.
- In multi-channel mode, with level A SDI signals from non-genlocked sources were applied to the system, channels 2-4 could exhibit vertical discontinuities in the picture. This has been corrected
- If the HDMI input had no signal connected, and the user chose HDMI as the input, the front panel display would remain on the SDI input(s). This has been corrected.
- If menu item 1.5 was set to “4K Crop to Quad HD” and playback of a 4K recording was initiated, the channel 1 output would be incorrectly labeled as 2K. This has been corrected.
- Menu item 35.2 and its equivalent on the WebUI inaccurately display “RS422 Only”, when in fact, both the front panel and the WebUI are still active when this is selected. The menu item has been renamed “RS44 Enable” to better reflect the state of the system when this is turned on.
- 12bit RGB sources, when connected to input 1 via a 6Gb/s or 12Gb/s interface, could exhibit color shifts. This has been corrected.
- If menu item 1.65 (“Playback Image Division”) or its equivalent on the WebUI was set to Auto, the output division would always be Square Division. This has been corrected
- When using DNxHD as the recording format, rollover recording could occasionally fail. This has been corrected
- High frame rate 444 video, when input via the HDMI connector, could cause the front panel display to flash or freeze (recordings, however, were not affected - this was a display issue only). This has been corrected.
- When using the Firefox browser to view the WebUI, the reboot button on the Firmware page was not functioning. This has been corrected.

- If the system was recording a 1080p50 clip as a DNxHD SQ file, a loss of video event would cause the recorded clip to be corrupted. This has been corrected.
- Various internal performance improvements have been made.

Firmware Update Consideration

- AJA recommends you do not use Chrome in Windows for this system update. Issue is resolved in future firmware updates.
- AJA recommends a Factory Reset under the CONFIG menu prior to updating firmware.
- After a firmware update, the web browser (Safari, Firefox, etc.) may lose its connection. A refresh of the web browser will reconnect the web UI.
- Do not attempt firmware updates while recording is in progress. Be sure the device is in the stopped state before performing a firmware update.

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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