



Firmware Release Notes

BirdDog P400

NOTE: Due to internal BirdDog requirements, our firmware releases don't always have sequential numbering. However, all our public releases are listed in this Release Notes document.

To upgrade the firmware, please follow the **Firmware Upgrade Instructions** located in your firmware download folder upgrade process. Firmware can be downloaded from our website via the following link:

[Firmware Updates](#)

Firmware 4.5.212-LTS

This release includes the following new features and bug fixes:

- Fixed an issue preventing Highlight Compensation (HLC) from working correctly.

NOTE:

Camera presets will need to be reset after updating the camera firmware.



PREVIOUS RELEASE NOTES

Firmware 4.5.206-LTS

This release includes the following new features and bug fixes:

- Fixes potential stability issues found with some software decoders on particularly challenging video frames.
- High-frequency (extreme detail) bitrate management optimisation.
- New optimised video codec provides overall improvements to video processing and image quality.
- Improved video quality of the proxy stream.
- Optimises VISCA and NDI control.
- Fixes minor Web UI bugs.
- Fixes an issue with the camera switching into Extended video mode on start up.
- Fixed an issue with the white balance not working correctly from the Web UI.
- Fixed an issue preventing the analogue audio output from working correctly.

Known Limitations

- Genlock is not enabled.
- After changing the video format, click the **Restart Video** button.

Firmware 21.06.195

This release includes the following new features and bug fixes:

- Fixed an issue with the Tally light not working correctly.
- Under the hood performance and stability enhancement.

Firmware 21.05.191

This release includes the following new features and bug fixes:

- New low-latency mode which disables SDI, HDMI and On Screen Display (OSD) functions improving latency by up to 3 frames.
- Fixes potential stability issues found with some software decoders on particularly challenging video frames.
- High-frequency (extreme detail) bitrate management optimisation.
- 'Reset video' button is now no longer required to be pressed upon system start to begin streaming NDI on the network.
- General UI refinements.
- Fixed the incorrect Iris values in the Web UI.



NOTE:

- A 'Reset Video' operation is required when switching between low latency and regular operation modes.
- There's no need to perform a 'baseboard' or USB update on the camera for this release. Simply update via the Web UI.

Firmware 21.02.178

This release includes the following bug fix:

- Fixed an issue with camera disappearing from the network after several hours of operation.

Firmware 21.01.177

This release includes the following new features and bug fixes:

- Added camera image property settings to the Dashboard (Web UI).
- Added 'Factory Reset' button to the Dashboard (Web UI).
- Added 1080p24 and 1080p23.97 video formats.
- Fixed an issue with SDI payloadID.

Firmware 20.11.170

This release includes the following new features:

- Added a new codec engine.
- Added a new control engine.
- Tighter integration with BirdDog CamControl 2.0.

Firmware 1.6.8

This release includes the following new features:

- Tally light implemented.
- Fixed an issue with VISCA control not working correctly.
- Improvements in sender and receiver efficiency.
- Stream name correctly set to (CAM).
- NDI Bitrate defaults to NDI Managed and can be switched to Manual if needed.
- Cosmetic improvements to the Dashboard (WebUI).
- General stability and performance improvements.