



Firmware Release Notes

BirdDog FLEX IN / BACKPACK

NOTE: Due to internal BirdDog requirements, our public releases don't always have sequential numbering.

Firmware 4.5.192-LTS

This release fixes an issue that was preventing correct execution of some API commands.

PREVIOUS RELEASE NOTES

Firmware 4.5.189-LTS

- The NDI Source List **Refresh** and **Reset** buttons now work as expected.
- Updated FLEX IN / BACKPACK manual.

Known Issues

- YUV 422 colour space doesn't work with the Decimator MD-HX at the resolutions below: 1080i59.94, 1080p29.97, 1080p23.97, 720p59.94
- When the **Preferred Transmit Method** is set as **UDP**, data may send as **TCP** under some network conditions.

Firmware 4.5.187-LTS

This release features under the hood stability enhancements.



Firmware 4.5.184-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.
- Adds high-frequency (extreme detail) bitrate management optimisation.
- New optimised video codec provides overall improvements to video processing and image quality.
- Improves video quality of the proxy stream.
- Fixes an issue preventing the NDI Discovery Service from populating the source list.

Firmware 21.08.180

This release includes the following new features and bug fixes:

- Fixes an issue with a failover source not working correctly.
- Adds a screensaver feature.
- Under the hood performance and stability enhancements.

Firmware 21.06.176

This release includes the following new features and bug fixes:

- Fixes potential stability issues found with some software decoders on particularly challenging video frames.

Firmware 21.04.174

This release includes the following new features and bug fixes:

- Enables RESTful API control.
- Fixes an issue with 2160p24 inputs not working correctly.
- Fixes potential stability issues found with some software decoders on particularly challenging video frames.
- Adds high-frequency (extreme detail) bitrate management optimisation.

Firmware 21.01.166

This release includes the following new features and bug fixes:

- Adds analogue audio input as a source.
- Adds NDI Groups support.
- Adds NDI v4.5.3 support.
- Adds 2160p24 and 2160p23.98 encode.
- Adds 1080p24 and 1080p23.98 encode.
- Adds VISCA control passthrough.



Firmware 1.6.2

This release includes the following new features and bug fixes:

- Fixes issues with Dashboard labels.
- Fixes an issue with Firefox not displaying the Dashboard correctly.
- Fixes a random error when increasing bandwidth of NDI Encode.
- Fixes an issue with 2160p25 inputs, not working correctly in Auto mode.