

GIGE FIRMWARE RELEASE NOTES

Mako cameras

All Mako models

2024-Jun-18
FW-Loader 40118**Scope of this document**

These firmware release notes apply to all Mako cameras, except for cameras with frozen firmware or any NCA (Non-Change Agreement) related to firmware modifications.

**PvAPI**

PvAPI: given only where naming varies in **PvAPI SampleViewer** versus **Vimba Viewer** and third-party software.

**User sets**

If new firmware contains a new feature or control, saved camera **UserSets [PvAPI: ConfigFiles]** will be invalidated and erased. Before loading new firmware, backup any used camera **UserSets [PvAPI: see disk icon in SampleViewer to export current settings to file]**.

**Firmware update instructions**

For more information on updating the firmware on your Manta camera, see the Manta User Guide or the GigE Firmware Update application note at www.alliedvision.com/en/support/technical-papers-knowledge-base

**Camera feature reference**

A complete listing of camera features including definitions can be found online.

- **Vimba** and third-party software users: GigE Features Reference
- **PvAPI** users: GigE Camera and Driver Attributes document

www.alliedvision.com/en/support/technical-documentation

**Supported models**

Listed camera models include Mako monochrome, color, and version variants (including hardware revisions). See the firmware loader executable for full list of variants.

Firmware releases in firmware loader: Mako

The following table lists a selection of firmware versions for your Mako camera.

Models	Firmware version	Release date
Mako G-032, G-040, G-125, G-131, G-158, G-192, G-223, G-234, G-319, G-419B NIR, G-419C, G-507, G-508B Pol, G-511, G-811, G-1242	FW 01.54.40118	2024-Jun-18

Table 1: Firmware releases at a glance (current firmware loader)

FW 01.54.40118

Release date: 2024-Jun-18



No firmware downgrade for cameras manufactured with new firmware

Cameras with updated hardware are delivered with firmware V00.01.54.40118. These cameras can be updated to firmware V00.01.54.40118 or higher.

To avoid damage, the firmware for these cameras cannot be reverted below firmware V00.01.54.40118 01.

Cameras with previous hardware can be updated to any FW version.

Supported models

Camera family	Models	Firmware version
Mako	G-032, G-040, G-125, G-131, G-158, G-192, G-223, G-234, G-319, G-419B NIR, G-419C, G-507, G-508B Pol, G-511, G-811, G-1242	01.54.40118

Adjustments for new hardware

Adjustment to support the new Phy and power converter variant

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Current firmware and release notes

<https://www.alliedvision.com/en/support/firmware-downloads>

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