

Affected Product All Manta G-1236 Cameras
PCN Title New Firmware V00.01.54.20072 with changed camera performance
PCN No. 2018-03-07 **PCN Issue date** 2018-03-12
Contact <https://www.alliedvision.com/en/meta-header/contact-us.html>

Type of change

- | | |
|---|--|
| <input type="checkbox"/> Regulatory / Compliance | <input checked="" type="checkbox"/> Firmware Specification |
| <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Accessories Specification |
| <input type="checkbox"/> Electrical Specification | <input type="checkbox"/> DISC (Discontinued) |
| <input type="checkbox"/> Optical Specification | <input type="checkbox"/> Component change |

Affected item(s) / item number(s)

All Manta G-1236 models including all variants

Product Code	Base Model
E0020718	Camera Manta G-1236B
E0020719	Camera Manta G-1236C color
E0022718	Camera Manta G-1236B mono PoE
E0022719	Camera Manta G-1236C color PoE

Product codes of affected variants:

E0020716, E0020722, E0020712, E0022652, E0022716, E0022732, E0022743, E0022744, E0022745, E0022752, E0022753, E0022754, E0620718, E0620719, E0622718, E0622719, E0620721

Reason for change

Improved FPGA timing for improved camera reliability

Change description

The new Firmware V00.01.54.20072 is released with the following changes:

- The burst mode frame rate has increased since the last firmware release.
- The exposure minimum values and increments have changed since the last firmware release.
- The trigger latency values have changed since the last firmware release.
- The trigger jitter values have changed since the last firmware release.
- Changes to ROI frame rates.

Please see our [Firmware Release Notes](#) for more details.

An updated [technical manual](#) reflecting the changes is also available.

End of life schedule

N/A

Customer action request

Please make sure that your application scenario can still work with the changed performance. A firmware loader for your existing Manta G-1236 cameras is available [here](#). Before updating please read the [Firmware update instructions](#) carefully.

Please also note that there is still a known issue: The Gain feature should be set to zero when using `ExposureAuto` and `GainAuto` features together. Otherwise exposure value could remain constant.

As soon as this is solved and validated, a new Firmware will be released. We don't expect another impact on camera performance.

For more specific details and more alternative products, please contact your AVT Support or Sales representative

Support:

support@alliedvision.com

General inquiries:

Please use our [contact form](#)