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

- ☐ Regulatory / Compliance
- ☐ Mechanical Specification
- ☐ Electrical Specification
- ☐ Optical Specification
- ☒ Firmware Specification
- ☐ Accessories Specification
- ☐ DISC (Discontinued)
- ☐ 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.

Allied Vision

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

Support:
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General inquiries:
Please use our contact form