

**PCN Title** Mako firmware update

**Affected Products** Mako G-032, G-040, G-125, G-131, G-158, G-192, G-234, G-319, G-503, G-507, G-508

**PCN Number** PCN2022-11-03                      **PCN Issue date** 03.11.2022

**Contact** [Inside Sales Team](#)

**Change Classification**

Minor

**Change Type**

Firmware Specification

**Affected Products**

See Annex

**Change Description**

Some functional behaviors of the cameras are changing with the new Firmware (FW Loader 40111):  
Mako cameras (G-032, G-040, G-125, G-131, G-158, G-192, G-234, G-319, G-503, G-507, G-508) are upgraded.

**New features and enhancements:**

- **Mako G-040, G-158, G-234, G-319, G-507, G-508**  
Range for ExposureTime values was uniformly extended to: 16 µs to 85.89 s, with 1 µs increments  
**Mako G-032, G-125, G-131, G-192, G-503**  
Values from previous firmware maintained.
- Value range for BalanceRatioAbs was extended to 0.01 to 3.99.  
Note that the range of 0.8 to 3.00 is maintained for other Mako models

**Reason for Change**

We continually strive to improve the performance and functionality of our cameras.

**Impact / Possible Successor**

Improved functionality (see also release notes), existing cameras can be updated in the field.

To **avoid damage to the camera**, do not revert to previous firmware versions for Mako cameras with **S/N: <537026137****First Ship Date****Mako cameras with S/N: >=537026137**

The information provided in this PCN notification are subject to change without notice.  
For the latest version of this document, please visit the Allied Vision [website](#).

**Support:**In case of technical questions please contact our [Support Team](#)**General inquiries:**Please contact our [Inside Sales Team](#)

**Annex**
**Item no. affected products**

10088	13551	5490	10284	13596	6408-06	10627
10278	13584	6408	10284-06	13603	6409	10646
10284	13596	6408-06	10627	13782	6409-06	11078
10284-06	13603	6409	10646	13791-06	6644	11078-06
10627	13782	6409-06	11078	13809-06	6644-06	11085
10646	13791-06	6644	11078-06	14020	6645	11103
11078	13809-06	6644-06	11085	14078	6645-06	11250
11078-06	14020	6645	11103	14604	7579	11261
11085	14078	6645-06	11250	15077	8062	11323
11103	14604	7579	11261	15173	8141	11347
11250	15077	8062	11323	15293	8253	11871
11261	15173	8141	11347	16057	8271	12219
11323	15293	8253	11871	16057-06	8271-06	12482-06
11347	16057	8271	12219	16058	8272	12558
11871	16057-06	8271-06	12482-06	16135	8272-06	12748
12219	16058	8272	12558	16546	8273	12748-06
12482-06	16135	8272-06	12748	16547	8273-06	12749
12558	16546	8273	12748-06	16806	8320	12749-06
12748	16547	8273-06	12749	16817	8320-06	12750
12748-06	16806	8320	12749-06	16818	8747	12750-06
12749	16817	8320-06	12750	17078	8747-06	12751
12749-06	16818	8747	12750-06	5052	8748	12751-06
12750	17078	8747-06	12751	5052-06	8840	12752
12750-06	5052	8748	12751-06	5053	8841	12754-06
12751	5052-06	8840	12752	5053-06	9083	
12751-06	5053	8841	12754-06	5054	9453	
12752	5053-06	9083	12755	5054-06	9454	
12754-06	5054	9453	12765	5055	9531	
12755	5054-06	9454	12765-06	5055-06	9534	
12765	5055	9531	12770	5080	9614	
12765-06	5055-06	9534	12814	5080-06	9614-06	
12770	5080	9614	12835	5081	9616	
12814	5080-06	9614-06	12859	5081-06	9616-06	
12835	5081	9616	12859-06	5086	9617	
12859	5081-06	9616-06	12953	5086-06	9617-06	
12859-06	5086	9617	13019-06	5087	9676	
12953	5086-06	9617-06	13329	5087-06	9676-06	
13019-06	5087	9676	13329-06	5088-06	9686	
13329	5087-06	9676-06	13491	5486	9687	
13329-06	5088-06	9686	13499	5488	10088	
13491	5486	9687	13544	5489	10278	
13499	5488	10088	13551	5490	10284	
13544	5489	10278	13584	6408	10284-06	