

**PCN Title** New Firmware v10.0 for all Alvium cameras, version 00.10.00

**Affected Products** FW 00.10.00.6c9062b1: All Alvium 1500-C, 1800-C, 1800-U, G5  
FW 00.10.00.2cf3b22e: All Alvium G1 cameras

**PCN Number** PCN2022-08-15 **PCN Issue date** 15.08.2022

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

#### Change Classification

Major

#### Change Type

Firmware Specification

#### Affected Products

See Annex

#### Change Description

Some functional behaviors of the cameras are changing with the new Firmware:

##### New GenICam features:

- Sequencer (only USB, only IMX GS)
- Chunk (only USB)
- Serial I/O (RS232)
- Software Signals

##### New features for G1 and G5

- PTP
- Action Commands (only G5)
- Flow Control (only G5)
- Mainboard 3 support (only G1)

##### Alvium SWIR Models (-130/-030):

- Removed FPNC (Fixed Pattern Noise Correction)

##### All camera models:

- Shorter min. Exposure Time

Please also see the [Firmware Release Notes](#) for more details

#### Reason for Change

Enhanced and new features

#### Impact / Possible Successor

Please use Firmware v10.0 with the selected models. It guarantees consistent behaviour with previous firmware versions.

#### First Ship Date

G1-234: 16.06.2022

All Alvium 1500-C, 1800-C, 1800-U, G5: 08.07.2022

Alvium G1 cameras: 13.07.2022

The information provided in this product change notification is 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**

11484	11908	12906	14154	14196	14616	14671	14764
11485	11909	12907	14155	14197	14617	14672	14765
11486	11910	12908	14156	14198	14618	14674	14766
11487	11911	12909	14157	14199	14619	14675	14767
11488	11912	12910	14158	14200	14620	14676	14768
11489	11913	12911	14159	14201	14621	14677	14769
11490	11914	13612	14160	14202	14622	14679	14770
11491	11915	13613	14161	14203	14623	14680	14771
11492	11916	13614	14162	14204	14624	14682	14772
11493	11917	13615	14163	14205	14625	14683	14773
11494	11938	13616	14164	14206	14627	14685	14774
11495	11939	13617	14165	14207	14628	14686	14775
11496	11940	13618	14166	14208	14629	14688	14776
11497	11941	13619	14167	14209	14630	14691	14777
11498	11942	13620	14168	14210	14632	14692	14778
11499	11943	13621	14169	14211	14633	14695	14779
11500	11944	13622	14170	14212	14634	14696	14800
11501	11945	13623	14171	14213	14635	14697	14801
11502	11946	13624	14172	14214	14637	14698	14802
11503	11947	13625	14173	14215	14638	14699	14803
11874	11948	13626	14174	14216	14640	14701	14804
11875	11949	13874	14175	14217	14641	14702	14805
11876	11950	13875	14176	14218	14643	14704	14806
11877	11951	13876	14177	14219	14644	14707	14807
11878	12888	13877	14178	14220	14646	14710	14808
11879	12889	13883	14179	14221	14647	14711	14809
11880	12890	13884	14180	14222	14648	14712	14810
11881	12891	13885	14181	14223	14649	14715	14811
11882	12892	14140	14182	14224	14651	14718	14812
11883	12893	14141	14183	14225	14652	14721	14813
11884	12894	14142	14184	14226	14654	14752	14814
11885	12895	14143	14185	14227	14655	14753	14815
11886	12896	14144	14186	14228	14657	14754	14816
11887	12897	14145	14187	14229	14658	14755	14817
11888	12898	14146	14188	14230	14660	14756	14818
11889	12899	14147	14189	14231	14661	14757	14819
11902	12900	14148	14190	14232	14662	14758	14820
11903	12901	14149	14191	14233	14663	14759	14821
11904	12902	14150	14192	14612	14665	14760	14822
11905	12903	14151	14193	14613	14666	14761	14823
11906	12904	14152	14194	14614	14668	14762	14824
11907	12905	14153	14195	14615	14669	14763	14825

14826	15107	15558	15881	15926	15971	16473	17225
14827	15108	15560	15882	15927	15972	16474	17226
14829	15109	15561	15883	15928	15998	16475	17227
14832	15110	15563	15884	15929	15999	16476	17228
14836	15111	15565	15885	15930	16000	16477	17229
14839	15112	15566	15886	15931	16001	16478	17230
14842	15113	15568	15887	15932	16003	16479	17231
14846	15114	15570	15888	15933	16004	16480	17232
14848	15115	15571	15889	15934	16005	16481	17233
14849	15116	15573	15890	15935	16007	16483	17238
14850	15117	15575	15891	15936	16009	16484	17239
14851	15118	15576	15892	15937	16010	16486	17240
14852	15119	15578	15893	15938	16011	16487	17241
14853	15120	15580	15894	15939	16012	16489	17242
14854	15121	15581	15895	15940	16013	16490	17243
14855	15122	15583	15896	15941	16014	16535	17244
14856	15123	15585	15897	15942	16015	16536	17245
14857	15185	15586	15898	15943	16016	16537	17246
14858	15186	15588	15899	15944	16017	16538	17247
14859	15188	15590	15900	15945	16022	16539	17248
14860	15190	15591	15901	15946	16023	16540	17249
14861	15191	15593	15902	15947	16025	16541	17250
14862	15193	15595	15903	15948	16026	16542	17251
14863	15195	15597	15904	15949	16027	16577	17252
14865	15196	15598	15905	15950	16028	16578	17253
14868	15197	15600	15906	15951	16029	16579	17254
14870	15198	15669	15907	15952	16212	16580	17255
14871	15200	15693	15908	15953	16268	16634	17256
14873	15201	15704	15909	15954	16269	17208	17257
14875	15202	15834	15910	15955	16270	17209	17258
14876	15203	15835	15911	15956	16297	17210	17259
14878	15324	15867	15912	15957	16299	17211	17260
14880	15325	15868	15913	15958	16315	17212	17261
14881	15326	15869	15914	15959	16369	17213	17262
15096	15327	15870	15915	15960	16462	17214	17263
15097	15477	15871	15916	15961	16463	17215	17726
15098	15478	15872	15917	15962	16464	17216	17727
15099	15499	15873	15918	15963	16465	17217	17728
15100	15500	15874	15919	15964	16466	17218	17729
15101	15501	15875	15920	15965	16467	17219	17730
15102	15502	15876	15921	15966	16468	17220	17731
15103	15503	15877	15922	15967	16469	17221	17732
15104	15504	15878	15923	15968	16470	17222	17733
15105	15555	15879	15924	15969	16471	17223	17734
15106	15556	15880	15925	15970	16472	17224	17735

17736	18158	18022
17737	18160	18023
17738	18164	18038
17739	18169	18039
17740	18175	18040
17741	18177	18041
17742	18178	18042
17743	100993	18043
17744	101071	18044
17745	16534	18123
17750	16607	18125
17751	16676	18129
17752	16677	18130
17753	17282	18131
17754	17299	18272
17755	17370	18273
17756	17479	18278
17757	17480	18279
17762	17481	18280
17763	17482	18281
17764	17483	18286
17765	17503	18300
17766	17515	18337
17768	17590	18338
17769	17591	18339
17771	17592	18345
17772	17593	18356
17773	17602	18372
17774	17603	18373
17775	17604	18401
17776	17605	18402
17777	17626	18422
17778	17628	18423
17779	17651	18480
17780	17699	18597
17781	17700	18625
17782	17701	18627
17783	17721	18656
17800	17843	
17801	17928	
17802	17942	
17803	17943	
18153	17961	
18155	17969	
18156	18021	