

PCN Title	New Firmware v13.0 for all Alvium cameras, version 00.13.00.xxx		
Affected Products	All Alvium 1500 C, 1800 C, 1800 U, FP3, GM2, G1 and G5/G5X cameras		
PCN Number	PCN2023-12-14	PCN Issue date	14.12.2023 09.01.2024 (document update)

Contact [Inside Sales Team](#)

#### Change Classification

Major

#### Change Type

Firmware Specification

#### Affected Products

See Annex

#### Change Description

USB camera models - New features:

- Reduced minimum exposure times
- ChunkDataControl
- LensShadingCorrection
- Sensor Binning (selected models)

CSI-2/FP3/GM2 camera models - New features (1800 C models with GenICam for CSI-2 Access):

- Reduced minimum exposure times
- LensShadingCorrection
- Sensor Binning (selected models)

G1 camera models - New features:

- Reduced minimum exposure times
- Increased ROI frame rates
- Added ClockTriggerFrequency and ClockTriggerTimestamp to AcquisitionControl
- ChunkDataControl
- EventControl (Beta)
- LensShadingCorrection
- Sensor Binning (selected models)

G5 camera models - New features:

- 2.5 GBASE-T support
- Reduced minimum exposure times
- Increased ROI frame rates
- Added ClockTriggerFrequency and ClockTriggerTimestamp to AcquisitionControl
- ChunkDataControl
- EventControl (Beta)
- LensShadingCorrection
- Sensor Binning (selected models)

All camera models - Removed features:

- IntensityControllerOutliersBright
- IntensityControllerOutliersDark

Please also see the Firmware Release Notes for more details

**Reason for Change**

Enhanced and new features

**Impact / Possible Successor**

Please check whether the changed camera behavior has an influence on your application!

**First Ship Date**

08.01.2024

If you want to receive the new firmware before this date for evaluation/testing, please contact our support team.

The information provided in this product change 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**

11492	17261	11940	15595	18076	14175	14183	14196
11496	11495	11939	15598	11902	11874	17166	14197
14627	11494	11945	15956	11906	11878	17173	13877
11500	11493	11944	15957	11910	11882	17180	14199
12888	11499	11943	15958	11914	11886	17187	14200
12892	11498	11948	14210	16466	16467	17208	14760
16535	11497	11947	14211	14198	14205	17213	14761
16539	14630	11951	14212	14201	14209	17218	14762
11484	14629	11950	14214	14752	14766	17223	14763
11488	14628	15499	14215	14753	14767	17238	14764
16462	11503	15500	14216	15096	15110	17243	14765
14221	11502	15501	14229	15097	15111	17248	15104
14225	11501	15502	14228	12904	12896	17253	15105
14848	12891	15921	14227	12908	12900	17555	15106
14849	12890	15922	14233	14612	14619	17560	15107
11938	12889	15923	14232	15998	16003	18051	15108
11942	12895	15924	14231	14632	14646	18056	15109
11946	12894	15925	17195	14633	14647	18061	12907
11949	12893	15926	17196	14660	14674	18066	12906
15503	16536	15887	17197	14661	14675	18077	12905
15504	16537	15888	17199	15927	15929	18082	12911
15919	16538	15890	17200	15928	15930	18087	12910
15920	16540	15891	17201	15867	15877	18092	12909
15889	16541	14691	17229	15872	15882	15114	14616
15892	16542	14695	17230	14696	14710	11905	14617
14688	11487	14858	17232	14697	14711	11904	14618
14692	11486	14859	17233	14800	14814	11903	16012
14856	11485	14860	17259	14801	14815	11909	16013
14857	11491	14861	17260	15893	15903	11908	16014
15915	11490	14862	17262	15898	15908	11907	14640
15918	11489	14863	17263	15575	15585	11913	14641
16480	16463	15913	17553	15580	15590	11912	14643
16483	16464	15914	17554	15555	15565	11911	14644
16486	16465	15916	18046	15560	15570	11917	14668
16489	14218	15917	18047	14870	14875	11916	14669
14880	14219	16481	18049	14829	14839	11915	14671
14865	14220	16484	18050	15185	15195	16474	14672
15597	14222	16487	18072	15190	15200	16475	15943
15600	14223	16490	18073	15959	15960	16476	15944
15955	14224	14881	18075	14172	14179	13876	15945
14213	14850	14868					
14217	14851						
14226	14852						
14230	14853						
17228	14854						
17231	14855						
17258	11941						

15946	11884	14685	17169	18089	14614	15961	13885
15947	11883	14686	17174	18093	14615	15962	13884
15948	11889	15949	17175	18094	16004	15963	13883
15870	11888	15950	17176	13614	16005	14158	14620
15871	11887	15951	17181	13613	16007	14159	14621
15875	16477	15952	17182	13612	14634	14160	14622
15876	16478	15953	17183	13617	14635	14161	16009
14704	16479	15954	17188	13616	14637	14162	16010
14707	14202	15880	17189	13615	14638	14163	16011
14808	14203	15881	17190	14142	14662	14148	14648
14809	14204	15885	17209	14141	14663	14147	14649
14810	14206	15886	17210	14140	14665	14146	14651
14811	14207	14718	17214	14145	14666	14151	14652
14812	14208	14721	17215	14144	15931	14150	14676
14813	14774	14822	17219	14143	15932	14149	14677
15896	14775	14823	17220	16468	15933	14154	14679
15897	14776	14824	17224	16469	15934	14153	14680
15901	14777	14825	17225	16470	15935	14152	15937
15902	14778	14826	17239	14184	15936	14157	15938
15578	14779	14827	17240	14185	15868	14156	15939
15583	15118	15906	17244	14186	15869	14155	15940
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15563	15121	15911	17249	14188	15874	16472	15942
14873	15122	15912	17250	14189	14698	16473	15878
14836	15123	15588	17254	14754	14701	14190	15879
15188	12899	15593	17255	14755	14802	14191	15883
15193	12898	15568	17556	14756	14803	14192	15884
15967	12897	15573	17557	14757	14804	14193	14712
15968	12903	14878	17561	14758	14805	14194	14715
15969	12902	14846	17562	14759	14806	14195	14816
13874	12901	15198	18052	15098	14807	14768	14817
14170	15704	15203	18053	15099	15894	14769	14818
14171	14624	15970	18057	15100	15895	14770	14819
13875	14625	15971	18058	15101	15899	14771	14820
14173	16015	15972	18062	15102	15900	14772	14821
14174	16016	14176	18063	15103	15576	14773	15904
11877	16017	14177	18067	13620	15581	15112	15905
11876	14654	14178	18068	13619	15556	15113	15909
11875	14655	14180	18078	13618	15561	15115	15910
11881	14657	14181	18079	13623	14871	15117	15586
11880	14658	14182	18083	13622	14832	13626	15591
11879	14682	17167	18084	13621	15186	13625	15566
11885	14683	17168	18088	14613	15191	13624	15571

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15197	17563	16447	17737	17791	18040	18500	17605
15201	17564	16448	17738	17792	18041	18597	17651
15202	18054	16449	17739	17800	18042	19078	18402
15964	18055	16023	17740	17801	18043	19412	18708
15965	18059	16022	17741	17802	18044	19413	19039
15966	18060	16025	17742	17803	18278	19460	19089
14164	18064	16024	17743	18155	18279	19461	19372
14165	18065	16495	17744	18177	18280	19462	18345
14166	18069	16496	17745	18599	18281	19463	18422
14167	18070	16497	17746	18665	19270	19464	18423
14168	18080	16026	17747	18667	19271	19465	18625
14169	18081	16027	17748	18663	19369	19466	14100
15120	18085	16028	17749	18664	19370	19467	19410
17170	18086	16029	17750	18666	19588	19468	19292
17171	18090	17202	17751	18145	19589	19469	19294
17172	18091	17203	17752	18147	19706	19470	19347
17177	18095	17204	17753	18153	19510	19472	19349
17178	18096	17205	17754	18156	19608	19473	19521
17179	17722	17206	17755	18158	18282	19474	19482
17184	17723	17207	17756	18160	19439	19557	20413
17185	17724	17234	17757	18164	18102	19957	19291
17186	17725	17235	17762	18169	19358	17702	19293
17191	15834	17236	17763	18175	20854	14139	19343
17192	15835	17237	17764	18178	20855	19408	19348
17193	15836	17264	17765	18202	20877	19409	19519
17211	15837	17265	17766	18204	20984	19424	19564
17212	15838	17266	17768	15999	20985	17704	19565
17216	15839	17267	17769	16000	20986	17770	20644
17217	15840	17565	17771	16001	21198	20573	19285
17221	15841	17566	17772	16676	21199	20600	19359
17222	16030	18211	17773	16677	21205	20625	19373
17226	16031	18146	17774	17392	21207	18356	19286
17227	16311	17726	17775	17479	20608	18627	19344
17241	16312	17727	17776	17480	20612	18656	19345
17242	16313	17728	17777	17481	17961	18712	19346
17246	16314	17729	17778	17482	15477	19700	19350
17247	16439	17730	17779	17483	15478	17105	20593
17251	16441	17731	17780	17626	16577	17793	20626
17252	16442	17732	17781	21053	16578	17592	19288
17256	16443	17733	17782	100993	16579	17593	19290

19297	20575	18272	20990
19299	20576	18273	20991
19520	20577	18372	21037
19471	20578	18373	21041
19287	20579	20657	21056
19289	20580	20658	21080
19298	20581	20656	21089
19518	20582	19497	21091
19522	20583	19508	21204
19509	20584	20829	21210
19624	20598	19355	21211
19341	20599	19356	
19620	19371	19295	
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20613	16297	20780	
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20724	15669	20708	
20725	15325	20816	
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18021	15326	20820	
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18023	16268	20818	
18480	16269	20852	
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18787	16299	20867	
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18827	16369	20879	
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19500	17628	20917	
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19425	18401	20959	
19433	18724	20961	
14234	18725	20975	
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19407	15693	20977	
20574	15124	20983	