

PCN Number: 03/2022

Title: **Device Temperature Feature available again on ace U and ace L cameras**

Product Family: ace U, ace L

Release date: February 22, 2022
Update: July 7, 2024 all changes marked red

Contact: Basler Support

Type of Change:

Miscellaneous **Firmware** **PC Software**

Product design **Process**

Reason for Change

Due to the tense demand-supply-situation we decided to remove a temperature sensor which faced a shortage from our ace U and ace L cameras in Q3/2021. We focused on delivering cameras and reduced the feature scope.

The **Device Temperature Feature** was of no use and the **Temperature State Feature** was deactivated.

For further information please see the published PCN's from our website:

Device Temperature Feature removed Part 1

Device Temperature Feature removed Part 2

Device Temperature Feature removed Part 3

Now the temperature sensor is available again and we change all cameras listed in the above mentioned PCNs back to the original feature scope.

Change Description

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The **Device Temperature** camera feature allows you to determine the camera temperature within the cameras (see Basler Product Documentation). The feature will return a **correct value again** and no longer the default value of 421°C.

The **Temperature State** camera feature (see Basler Product Documentation) indicates whether the cameras internal temperature is normal or too high. In case of over temperature, the image acquisition is stopped and a test image appears until the camera has cooled down again. **This feature will be activated again and work as before.**

Firmware updates are not possible for cameras which were produced without temperature sensor. With this product change a firmware update to future firmware versions will be possible again.

Affected models and expected first production / shipping date

	Model	Part Number	removal Temp. Sensor		Temp. Sensor available again	
			Rev.	Original PCN (Link)	New Rev.	Production Date
ace U USB	acA4024-29um - IMX226	107404	16	Part 1	17	March 15, 2022
	acA4024-29uc - IMX226	107405	16	Part 1	17	March 15, 2022
	acA3088-57um - IMX178	107402	13	Part 1	14	March 15, 2022
	acA3088-57uc - IMX178	107403	14	Part 1	15	March 15, 2022
	acA640-750um – Python300	106748	25	Part 2	27	March 15, 2022
	acA640-750uc – Python300	106749	25	Part 2	27	March 15, 2022
	acA800-510um – Python500	106765	25	Part 3	27	March 15, 2022
	acA800-510uc – Python500	106764	25	Part 3	27	March 15, 2022
	acA1300-200um - Python1300	106752	24	Part 3	26	March 15, 2022
	acA1300-200uc - Python1300	106754	24	Part 3	26	March 15, 2022
	acA1920-150um - Python2000	107261	16	Part 3	18	March 15, 2022
	acA1920-150uc - Python2000	107262	17	Part 3	19	March 15, 2022
	acA2500-60um - Python5000	107257	16	Part 3	18	March 15, 2022
	acA2500-60uc - Python5000	107258	17	Part 3	19	March 15, 2022
	acA1920-155um - IMX174	106879	22	Part 3	23	March 15, 2022
	acA1920-155uc - IMX174	106880	22	Part 3	23	March 15, 2022
	acA1920-40um - IMX249	106909	20	Part 3	21	March 15, 2022

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	acA1920-40uc - IMX249	106910	20	Part 3	21	March 15, 2022
	acA2440-75um - IMX250	107204	24	Part 3	25	March 15, 2022
	acA2440-75uc - IMX250	107205	24	Part 3	25	March 15, 2022
	acA2040-120um - IMX252	107206	24	Part 3	26	March 15, 2022
	acA2040-120uc - IMX252	107207	24	Part 3	26	March 15, 2022
	acA2440-35um – IMX264	107208	24	Part 2	25	March 15, 2022
	acA2440-35uc - IMX264	107209	24	Part 3	25	March 15, 2022
	acA2040-55um – IMX265	107210	24	Part 2	26	March 15, 2022
	acA2040-55uc - IMX265	107211	24	Part 3	26	March 15, 2022
	acA1440-220um – IMX273	107652	12	Part 2	13	March 15, 2022
	acA1440-220uc - IMX273	107653	13	Part 3	14	March 15, 2022
	acA720-520um – IMX287	107654	12	Part 2	13	March 15, 2022
	acA720-520uc – IMX287	107655	13	Part 2	14	March 15, 2022
	acA5472-17um - IMX183	107771	12	Part 3	13	March 15, 2022
	acA5472-17uc - IMX183	107772	12	Part 3	13	March 15, 2022
ace L USB	acA4112-20um - IMX304	107413	14	Part 3	15	March 15, 2022
	acA4112-20uc - IMX304	107414	14	Part 3	15	March 15, 2022
	acA4112-30um - IMX253	107416	14	Part 3	15	March 15, 2022
	acA4112-30uc - IMX253	107417	14	Part 3	15	March 15, 2022
	acA4096-30um - IMX267	107420	14	Part 3	15	March 15, 2022
	acA4096-30uc - IMX267	107421	14	Part 3	15	March 15, 2022
	acA4096-40um - IMX255	107422	14	Part 3	15	March 15, 2022
	acA4096-40uc - IMX255	107423	14	Part 3	15	March 15, 2022
ace U Gige	acA3088-16gm - IMX178	107406	12	Part 1	13	Q2 / 2023
	acA3088-16gc - IMX178	107407	13	Part 1	14	Q2 / 2023
	acA4024-8gm - IMX226	107408	13	Part 1	15	June 17, 2022
	acA4024-8gc - IMX226	107409	13	Part 1	15	June 17, 2022
	acA5472-5gm – IMX183	107769	11	Part 2	13	Q2 / 2024
	acA5472-5gc – IMX183	107770	12	Part 2	14	Q2 / 2024
	acA2040-35gm – IMX265	107214	20	Part 2	23	May 3, 2022
	acA2040-35gc – IMX265	107215	20	Part 2	21	September 21, 2021
	acA640-300gm – Python300	106750	21	Part 2	23	June 23, 2022
	acA640-300gc – Python300	106751	21	Part 2	23	June 23, 2022
	acA800-200gm - Python500	106766	21	Part 2	23	June 23, 2022
acA800-200gc - Python500	106767	21	Part 2	23	June 23, 2022	

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	acA1300-75gm – Python1300	106755	22	Part 2	24	June 23, 2022
	acA1300-75gc – Python1300	106757	21	Part 2	23	June 23, 2022
	acA1920-48gm - Python2000	107263	13	Part 3	15	September 9, 2022
	acA1920-48gc - Python2000	107264	13	Part 3	15	September 9, 2022
	acA2500-20gm - Python5000	107259	13	Part 3	15	September 9, 2022
	acA2500-20gc - Python5000	107260	13	Part 3	15	September 9, 2022
	acA1920-50gm - IMX174	106878 107759	19 06	Part 3	21 08	June 17, 2022 February 2023
	acA1920-50gc - IMX174	106907	17	Part 3	19	June 17, 2022
	acA1920-40gm - IMX249	106907 107760	17 06	Part 3	19 08	June 17, 2022 February 2023
	acA1920-40gc - IMX249	106908 107761	17 06	Part 3	19 08	June 17, 2022 February 2023
	acA1440-73gm - IMX273	107647	14	Part 3	16	June 16, 2022
	acA1440-73gc - IMX273	107649	15	Part 3	17	June 16, 2022
	acA720-290gm - IMX287	107650	14	Part 3	16	June 16, 2022
	acA720-290gc - IMX287	107651	15	Part 3	17	June 16, 2022
	acA2440-20gm - IMX264	107212 108004	19 06	Part 3	21 07	May 03, 2022 February 2023
	acA2440-20gc - IMX264	107213 108005	19 06	Part 3	21 07	May 03, 2022 February 2023
acA640-121gm – ICX618 replacement	107739	09	Part 3	11	June 16, 2022	
ace L	acA4096-11gm - IMX267	107418	11	Part 1	13	June 17, 2022
	acA4096-11gc - IMX267	107419	11	Part 1	13	June 17, 2022
	acA4112-8gm - IMX304	107411	11	Part 1	13	June 17, 2022
	acA4112-8gc - IMX304	107412	11	Part 1	13	June 17, 2022
NPE models	acA4112-8gmNPE - IMX304	108759	Camera initial created without Temp. Sensor		04	June 17, 2022
	acA2440-20gmNPE - IMX264	108760 108764	Camera initial created without Temp. Sensor		02 02	August 22, 2022 March 2023
	acA2440-20gcNPE - IMX264	108765	Camera initial created without Temp. Sensor		02	March 2023
	acA5472-5gmNPE - IMX183	108755	Camera initial created without Temp. Sensor		02	July 11, 2022

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	acA1440-73gmNPE - IMX273	108756		Camera initial created without Temp. Sensor	02	July 11, 2022
	acA720-290gmNPE - IMX287	108757		Camera initial created without Temp. Sensor	03	July 11, 2022
	acA4024-8gmNPE - IMX226	108758		Camera initial created without Temp. Sensor	03	June 17, 2022
	acA1920-40gmNPE - IMX249	108825		Camera initial created without Temp. Sensor	02	January 2023

* PCN will be updated on a regular basis

Customized cameras based on the same product model might be affected, please contact the Basler Support for clarification.

Additional Information

Basler may make changes to specifications and product descriptions at any time, without notice. The information in this document is subject to change without notice.

There is no claim to exchange or update the stock or the delivered goods due to the PCN. This applies to customer inventories as well as Basler's own inventory. Also there is no claim to receive the old revision after change.

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