
PCN Number: 01/2022
Title: New Firmware Features on ace 2
Product Family: ace 2
Release date: February 2022
Contact: Basler Support
Type of Change:
 Miscellaneous Firmware PC Software
 Product design Process

Reason for Change

To offer an even higher value to our customers, new features were added to the ace 2 firmware and power consumption has been reduced. Furthermore, the new firmware delivers maintenance work and corrects deviating camera behaviors.

Change Description

Basler has added valuable features to the ace 2 family which are available on all interfaces.

For your convenience, the **Device Link Speed** as well as the **Effective Exposure Time** might now be read out. Additionally, the **Sensor State** of the camera can be configured by choosing the values **On**, **Off** or **Standby**. With the camera feature **Exposure Start Delay** you can determine the period of time between the detection of the trigger signal and the actual start of the exposure.

Furthermore, the power consumption of all ace 2 cameras has been reduced.

Features for selected models

By activating the **Window Cropping Mode** on Rolling Shutter Sensors IMX334 and IMX334ROI models the ace 2 camera allows higher framerates when the **Region of Interest** has been reduced.

For all ace 2 Pro USB models it is now possible to read out the selected **Power Source**.

We also included some maintenance work and fixed bugs.

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For further information on the features and power consumption, please take a look at our product documentation or contact the Basler Support.

Affected models and expected first production / shipping date

Model	Part Number	Revision	Production /shipping Date
a2A1920-160umBAS	107820	22	March 2022
a2A1920-160ucBAS	107821	22	March 2022
a2A1920-51gmBAS	107822	23	March 2022
a2A1920-51gcBAS	107823	23	March 2022
a2A1920-160umPRO	107961	13	March 2022
a2A1920-160ucPRO	107962	12	March 2022
a2A1920-51gmPRO	107963	15	March 2022
a2A1920-51gcPRO	107964	15	March 2022
a2A3840-45umBAS	108014	13	March 2022
a2A3840-45ucBAS	108015	14	March 2022
a2A3840-13gmBAS	108016	14	March 2022
a2A3840-13gcBAS	108017	15	March 2022
a2A2590-60umBAS	108028	11	March 2022
a2A2590-60ucBAS	108029	12	March 2022
a2A2590-22gmBAS	108030	13	March 2022
a2A2590-22gcBAS	108031	14	March 2022
a2A5328-15umBAS	108115	11	March 2022
a2A5328-15ucBAS	108116	10	March 2022
a2A5328-4gmBAS	108117	12	March 2022
a2A5328-4gcBAS	108118	11	March 2022

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Model	Part Number	Revision	Production /shipping Date
a2A5328-15umPRO	108119	12	March 2022
a2A5328-15ucPRO	108120	11	March 2022
a2A5328-4gmPRO	108121	13	March 2022
a2A5328-4gcPRO	108122	12	March 2022
a2A3840-45umPRO	108125	8	March 2022
a2A3840-45ucPRO	108126	8	March 2022
a2A3840-13gmPRO	108127	9	March 2022
a2A3840-13gcPRO	108128	9	March 2022
a2A2590-60umPRO	108129	8	March 2022
a2A2590-60ucPRO	108130	8	March 2022
a2A2590-22gmPRO	108131	9	March 2022
a2A2590-22gcPRO	108132	9	March 2022
a2A4504-18umBAS	108161	12	March 2022
a2A4504-18ucBAS	108162	11	March 2022
a2A4504-5gmBAS	108163	13	March 2022
a2A4504-5gcBAS	108164	12	March 2022
a2A4504-18umPRO	108165	12	March 2022
a2A4504-18ucPRO	108166	11	March 2022
a2A4504-5gmPRO	108167	13	March 2022
a2A4504-5gcPRO	108168	12	March 2022
a2A5320-23umBAS	108171	12	March 2022
a2A5320-23ucBAS	108172	11	March 2022
a2A5320-7gmBAS	108173	13	March 2022
a2A5320-7gcBAS	108174	12	March 2022
a2A5320-23umPRO	108175	12	March 2022

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a2A5320-23ucPRO	108176	11	March 2022
a2A5320-7gmPRO	108177	13	March 2022
a2A5320-7gcPRO	108178	12	March 2022
a2A4096-30umBAS	108408	6	March 2022
a2A4096-30ucBAS	108409	7	March 2022
a2A4096-9gmBAS	108410	6	March 2022
a2A4096-9gcBAS	108411	7	March 2022
a2A2840-48umBAS	108412	6	March 2022
a2A2840-48ucBAS	108413	7	March 2022
a2A2840-14gmBAS	108414	6	March 2022
a2A2840-14gcBAS	108415	7	March 2022
a2A2448-75umBAS	108416	6	March 2022
a2A2448-75ucBAS	108417	7	March 2022
a2A2448-23gmBAS	108418	6	March 2022
a2A2448-23gcBAS	108419	7	March 2022
a2A4096-30umPRO	108420	6	March 2022
a2A4096-30ucPRO	108421	7	March 2022
a2A4096-9gmPRO	108422	6	March 2022
a2A4096-9gcPRO	108423	7	March 2022
a2A2840-48umPRO	108424	6	March 2022
a2A2840-48ucPRO	108425	7	March 2022
a2A2840-14gmPRO	108426	6	March 2022
a2A2840-14gcPRO	108427	7	March 2022
a2A2448-75umPRO	108428	6	March 2022
a2A2448-75ucPRO	108429	7	March 2022

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Model	Part Number	Revision	Production /shipping Date
a2A2448-23gmPRO	108430	6	March 2022
a2A2448-23gcPRO	108431	7	March 2022

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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