

PCN Number: 03/2016 UPDATE v3.0 (changes marked in red)

Release date: February 17, 2017

Title: ace GigE: higher power consumption at PoE

Contact: Basler Support

Type of Change:

Miscellaneous Firmware PC Software

Product design Process

Affected models and expected first production / shipping date

Series	Model	Part Number	Production /shipping Date
ace GigE	acA640-120gm	104842	June 2016
ace GigE	acA640-120gc	104844	June 2016
ace GigE	acA1280-60gm	106486	June 2016
ace GigE	acA1280-60gc	106487	June 2016
ace GigE	acA1300-60gm	106200	June 2016
ace GigE	acA1300-60gc	106201	June 2016
ace GigE	acA1300-60gmNIR	106202	June 2016
ace GigE	acA1300-22gm	106513	June 2016
ace GigE	acA1300-22gc	106514	June 2016
ace GigE	acA1300-30gm	104845	June 2016
ace GigE	acA1300-30gc	104846	June 2016
ace GigE	acA1600-60gm	106203	June 2016
ace GigE	acA1600-60gc	106204	June 2016
ace GigE	acA1920-25gm	106493	June 2016
ace GigE	acA1920-25gc	106494	June 2016
ace GigE	acA2500-14gm	105392	June 2016
ace GigE	acA2500-14gc	105393	June 2016
ace GigE	acA750-30gm	104840	June 2016
ace GigE	acA750-30gc	104841	June 2016
ace GigE	acA2000-50gm	105713	June 2016
ace GigE	acA2000-50gc	105714	June 2016
ace GigE	acA2000-50gmNIR	106159	June 2016
ace GigE	acA2040-25gm	105715	June 2016
ace GigE	acA2040-25gc	105716	June 2016
ace GigE	acA2040-25gmNIR	106160	June 2016
ace GigE	acA1300-60gm	106793	June 2016
ace GigE	acA1300-60gc	106796	June 2016

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ace GigE	acA1600-60gm	106792	June 2016
ace GigE	acA1600-60gc	106795	June 2016
ace GigE	acA1280-60gm	106791	June 2016
ace GigE	acA1280-60gc	106798	June 2016
ace GigE	acA1300-30gm	106607	June 2016
ace GigE	acA1300-30gc	106608	June 2016
ace GigE	acA640-120gm	106609	June 2016
ace GigE	acA640-120gc	106610	June 2016
ace GigE	acA2500-14gm	106611	June 2016
ace GigE	acA2500-14gc	106612	June 2016
ace GigE	acA3800-10gm	106702	February 2017 (Rev. 13)
ace GigE	acA3800-10gc	106703	February 2017 (Rev. 13)
ace GigE	acA4600-7gc	106704	February 2017 (Rev. 13)
ace GigE	acA640-90gm	105284	March 2017 (Rev. 16)
ace GigE	acA640-90gc	105285	March 2017 (Rev. 16)
ace GigE	acA1600-20gm	104847	March 2017 (Rev. 18)
ace GigE	acA1600-20gc	104848	March 2017 (Rev. 17)

Including all customizations based on the same camera model.

All not listed models are not affected.

Reason for Change

Due to a product change notification from the supplier of the actually used PoE controller revision it is required to replace the PoE controller with a new generation from the same supplier.

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Change Description

The new type is the latest generation and the successor of the current version by the same supplier but lead into an increased power consumption:

ace GigE	sensor	current camera power requirement in W	future camera power requirement in W
acA640-120g	ICX618	2,3	2,5
acA1280-60g	EV76C560	2,4	2,6
acA1300-60g	EV76C560	2,4	2,6
acA1300-22g	ICX445	2,5	2,7
acA1300-30g	ICX445	2,5	2,7
acA1600-60g	EV76C570	2,5	2,7
acA1920-25g	MT9P	2,5	2,7
acA2500-14g	MT9P	2,5	2,7
acA750-30g	ICX409	2,6	2,8
acA2000-50g	CMV2000	2,8	3,0
acA2040-25g	CMV4000	2,9	3,1
acA3800-10g	MT9J	3,5	3,7
acA4600-7gc	MT9F	3,5	3,7
acA640-90g	ICX424	3,1	3,4
acA1600-20g	ICX274	3,4	3,6

The higher power consumption only occurs when using Power over Ethernet (PoE).

The slightly increased power consumption will have only a minimal impact on the housing temperature. With currently used accessories no problem will occur.

Additional Information

This values will also been updated in the ace GigE manual with the next update.

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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