
PCN Number: 05/2017

Title: **Changeover to side-fill for all
dart / pulse with E2V 76C570
sensor**

Product Family: dart, pulse

Release date: November 17, 2017

Contact: Basler Support

Type of Change:

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

Product design **Process**

Reason for Change

At Basler all cameras undergo continuous quality assurances measures and special test procedures to maximize the reliability of our products.

During ambient temperature and switch-on/off tests in a climate cabinet the dart and pulse camera models with E2V 76C570 sensor showed that the LCC package's solder joints along the outer edge of the sensor package are not robust enough to reliably survive the stress created by heavy temperature fluctuation. This causes the soldering joints to possibly break in the medium to long term as the ceramic housing of the sensor expands less than the board beneath it.

Change Description

Due to Basler's strong commitment to provide a maximum of mechanical robustness the way of mounting the sensor for dart and pulse camera models with E2V 76C570 sensor has been changed.

With the help of side-fill material that is injected beneath the sensor's LLC package the durability of soldering points between the board and the sensor is highly improved. As a consequence all ageing and stress tests have been successfully passed.

PRODUCT CHANGE NOTIFICATION (PCN)

Affected models and expected first production / shipping date

Model	Part Number	Revision	Production /shipping Date
dart BCON			
Kamera daA1600-60bc - EV76C570 No Mount	107113	06	Now
Kamera daA1600-60bc - EV76C570 CS-Mount	107114	07	Now
Kamera daA1600-60bc - EV76C570 S-Mount	107115	06	Now
Kamera daA1600-60bm - EV76C570 No Mount	107110	06	Now
Kamera daA1600-60bm - EV76C570 CS-Mount	107111	07	Now
Kamera daA1600-60bm - EV76C570 S-Mount	107112	06	Now
dart USB			
Kamera daA1600-60uc - EV76C570 no Mount	106983	07	Now
Kamera daA1600-60uc - EV76C570 CS-Mount	106988	08	Now
Kamera daA1600-60uc - EV76C570 S-Mount	106989	07	Now
Kamera daA1600-60um - EV76C570 no Mount	106980	07	Now
Kamera daA1600-60um - EV76C570 CS-Mount	106981	08	Now
Kamera daA1600-60um - EV76C570 S-Mount	106982	07	Now

PRODUCT CHANGE NOTIFICATION (PCN)



Model	Part Number	Revision	Production /shipping Date
pulse			
Kamera puA1600-60uc - EV76C570 CS-Mount	106991	12	Now
Kamera puA1600-60um - EV76C570 CS-Mount	106990	11	Now

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.

Basler AG

Europe, Middle East, Africa

Tel. +49 4102 463 515

Fax +49 4102 463 599

support.europe@baslerweb.com

www.baslerweb.com

The Americas

Tel. +1 610 280 0171

Fax +1 610 280 7608

support.usa@baslerweb.com

Asia-Pacific Region

Tel. +65 6367 1355

Fax +65 6367 1255

support.asia@baslerweb.com