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**PCN Number:** 05/2019  
**Title:** Firmware Update on acA640-121gm  
**Product Family:** ace U  
**Release date:** 29.04.2019  
**Contact:** Basler Support  
**Type of Change:**  
 Miscellaneous    Firmware    PC Software  
 Product design    Process

## Reason for Change

To provide our customers the best possible replacement camera for the discontinued CCD sensor ICX618, Basler developed and just recently launched the acA640-121gm.

In some cases users experienced long times for opening the camera. This long opening times are caused by the poor performance of older GenICam versions in caching the more complex GenICam XML Files in current cameras.

In order to resolve that issue a more recent GenICam version or a new camera firmware is required.

With this firmware release the acA640-121gm comes along with two different XML Files in order to allow the best performance in both cases.

Further information about Baslers unique 1:1 replacement camera acA640-121 can be found on:

<https://www.baslerweb.com/en/products/product-highlights/icx618-replacement/>

## Change Description

With this firmware release of FW1.1-0 the acA640-121gm comes along with two different XML Files.

Due to the explained intended use as a replacement camera for older camera models, the XML File for an improved behavior with older SDK/GenICam versions is set by default.

If customers want to use the fully equipped feature set (e.g. including USEM, Sequencer, PGI, etc.) and are using a new SDK/GenICam version, it is possible to switch the XML file.

## Affected models and expected first production / shipping date

Model	Part Number	Revision	Estimated Production /shipping Date
acA640-121gm	107739	07	04/2019

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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