

**PCN Number:** 04/2016  
**Release date:** April 8th, 2016  
**Title:** Firmware Update  
**Contact:** Basler Support  
**Change Type:**

**Miscellaneous**    **Firmware**    **PC Software**  
 **Product design**    **Process**

### Affected models and expected first production/shipping date

Series	Model	Part Number	Production / Shipping Date
dart	daA1280-54um/uc	106680, 106681, 106682, 106683, 106684, 106685	Expected: April, 2016
	daA1600-60um/uc	106980, 106981, 106982, 106983, 106988, 106989	Expected: April, 2016
	daA1920-15um/uc	106732	Expected: April, 2016
	daA1920-30um/uc	106686, 106687, 106688, 106689, 106690, 106691	Expected: April, 2016
	daA2500-14um/uc	106692, 106693, 106694, 106695, 106696, 106697	Expected: April, 2016
pulse	puA1280-54um/uc	106953, 106954	Expected: April, 2016
	puA1600-60um/uc	106990, 106991	Expected: April, 2016
	puA1920-30um/uc	106955, 106956	Expected: April, 2016
	puA2500-14um/uc	106957, 106958	Expected: April, 2016

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## Change Description

With the new firmware version, new features have been implemented into the listed cameras. The following features have been added:

Feature	Valid models
<b>Enhanced Color</b> <ul style="list-style-type: none"> <li>- Hue, saturation, brightness, contrast adjustment</li> <li>- Linear or s-contrast selectable</li> </ul>	All color models
<b>White Balance on ROI</b> <ul style="list-style-type: none"> <li>- White balance can be applied to a pre-defined region of interest (Auto Function ROI).</li> </ul>	All color models
<b>Feature Streaming</b> <ul style="list-style-type: none"> <li>- Allows up and down loading of the user's camera settings</li> </ul>	daA1280-54um/uc daA1920-15um/uc daA1920-30um/uc daA2500-14um/uc puA1280-54um/uc puA1920-30um/uc puA2500-14um/uc
<b>Immediate Trigger Mode</b> <ul style="list-style-type: none"> <li>- If the camera is set to this additional Immediate Trigger Mode the exposure starts immediately after triggering. In this case, the image parameters come to use with a short delay, e.g. when one or more images have been acquired. This mode minimizes the exposure start delay.</li> </ul>	daA1280-54um/uc daA1920-15um/uc daA1920-30um/uc daA2500-14um/uc puA1280-54um/uc puA1920-30um/uc puA2500-14um/uc

For further information about the features mentioned above, please refer to information available on our website and the latest user's manual released.

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Also, the following camera features have changed:

Feature	Change	Valid models
Defect Pixel Correction	Optimized functionality	All models
Light Source Preset	Optimized functionality: When choosing a light source setting, the according White Balance will be adjusted automatically. This requires that the RGB-Gain is set to 1. This feature is available for bayer pixel formats now. Default: Daylight 5000K	All color models
Color Space Mode	Optimized functionality: Adjusting the color space for non-RAW formats sRGB (default) and RGB is possible.	All color models
Image Acquisition	Optimized functionality: Changing the shutter mode won't cause additional images to be grabbed.	daA1920-15um/uc daA1920-30um/uc daA2500-14um/uc puA1920-30um/uc puA2500-14um/uc

For the confirmation of every camera model's framerates , please use our framerate calculator on [www.baslerweb.com](http://www.baslerweb.com).

## 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.

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