

Boson™ 320 Thermal Imaging Camera Announcement

This announcement by FLIR Systems, Inc. (FLIR) applies to all FLIR's **Boson™ 320** thermal imaging cameras. This affects all cameras with part numbers containing 320 in the part number sequence (e.g. 20320A024-6PAAX).

Effective 8 June 2017 FLIR released a major new software release (Release 2) that improves the performance of the **Boson™ 320** camera and adds new features. All cameras shipped after this date will be shipped with Release 2 software. Also announced at this release is the full release into manufacturing of all camera grades (Consumer, Professional and Industrial); lead times for all C, P or I versions will be the same.

A summary of the new performance parameters and features is as follows:

- Symbology and customer loadable symbol files on local flash
- Splash Screen
- Over temp protection
- SFFC (significant general improvement and critical for blob (INU) mitigation)
- NVFFC
- Runtime Selectable USB Color Modes (420SP/420P USB Output)
- Pal 50Hz on analog/BT.656
- Minor bug fixes from release 1
- Power optimization (~25% power reduction)
- External sync (Beta)
- SLOWER start-up time (from 1.5 sec to 3.5 sec). This is an artifact of the power optimization effort; it will be improved from 3.5 seconds in future updates.

Note that older versions of **Boson™ 320** are updated to Release 2. FLIR recommends that these cameras be updated to Release 2. Refer to FLIR App Note entitled "Boson Release 2.0 Update Procedure" for instructions on how to update the camera.

The following documents have been released supporting this release and are now the baseline Boson™ documents:

- Boson™ product datasheet
 - 102-2013-40 rev. 200 or 102-2013-43 rev. 200 (9Hz)
- Boson™ Software IDD
 - 102-2013-42 rev 200 or 102-2013-44 rev. 200 (9Hz)
- Boson™ 320 SW release notes
 - 110-150-01 rev. 10715 released
- Boson™ SDK
 - 110-150-08 rev. 200
- Boson™ GUI
 - Version 1.4.1 (soon will be 1.4.2, minor bug fixes)

For more information, please contact your FLIR sales representative or support team. Information on **Boson™** can be found at <http://www.flir.com/cores/content/?id=74595>