

**ROCK IMAGER® Release Notes**

Last Updated: January 14, 2021

Version 3.9 Hotfix 4
November 25, 2020**Fixed:**

- A zooming issue where the binning and image size values were different, thus rendering ROCK IMAGER unable to execute a zoom calculation correctly.

Version 3.9 Hotfix 3
October 7, 2020**Fixed:**

- An error that caused the software to freeze and the on-going imaging session to stop whenever ROCK IMAGER tried to reset the BlackFly S camera.
- Motor homing failure during robot initialization because of the robot arm reaching the predefined threshold in the **HomeRobotMovements.config**.

Version 3.9 Hotfix 2
July 2, 2020**Fixed:**

- An issue in ROCK IMAGER software on windows 32-bit where ROCK IMAGER processor (RIP) was unable to process any images taken during on-going inspections.

Version 3.9 Hotfix 1
June 13, 2020**Fixed:**

- BlackFly S camera compatibility issues:
 - Exception occurring upon starting in ROCK IMAGER Single Light Path.
 - An error where ROCK IMAGER froze and wouldn't respond when users exited the software while Live Image was still on.
- An issue with ROCK IMAGER 1000 where the Automation Port Integration's sensor was rendered unable to load plates to the Automation Port when it was not occupied.
- ROCK IMAGER Single Light Path's objective lens remaining in the homing position during an imaging session instead of moving to the calibrated point after performing system diagnostics.
- ROCK MAKER crashing while opening an experiment or **Imaging Settings** node due to the database information being passed over from ROCK IMAGER.

Version 3.9
May 26, 2020

Added:

- **Store Active Only** feature on the **Load Port** menu to move all active plates, excluding the expired ones, from the Load Port to storage.

Changed:

- ROCK IMAGER 1000 with Automation Port Integration will now clear plate registration after executing eject hand command.

Fixed:

- The copyright date for the **About** content in the ROCK IMAGER **Help** menu, which was still 2018 instead of 2020.
- ROCK IMAGER software not automatically restarting or sending a notification email when the hardware crashed.
- An error occurring when ROCK IMAGER had to perform two imaging sessions at the exact same hour and day.
- An issue in Imaging when using the UV lightpath, which resulted in blurry images when the drops were found near the **Auto Focus** margin positions.
- ROCK IMAGER 1000's **ScanStorageHotelColumn.txt** loading during robot initialization even though it wasn't being used.
- An issue executing the **GetRobotStatus** command in ROCK IMAGER 1000 with Automation Port Integration, which resulted in an unknown return after performing the **RetractAndStorePlate** command with no plate detected.
- The number of the **Total Plates** in the lower-left corner of the **Search** subtab on the **Plates** tab so that it matches the actual total number of plates displayed in the search result list.
- An error that occurred when switching from Visible lightpath to UV during manual imaging session.
- An error where the status of plates remained Active instead of Expired in the **State** column of the **Load Port** sub-tab after they had been cancelled from the current manual imaging schedule.