nanotronics

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1 nSpec Version 0.24.2.2

Release Date: 20 Dec 2024

Documentation Updated: 20 Dec 2024

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2 Overview

nSpec patch release v0.24.2.2 includes a few critical bug fixes and improvements to the consistency of stop-and-go scanning for scans with long exposures using an IRIS camera.

3 Upgrading to v0.24.2.2

> ⚠️ **Library Update Required**

If upgrading from a version more than 1 release prior, please reference all intermediate release notes for upgrade steps *for each version*. See the [nSpec Version Map](#) for exact upgrade requirements for each version.

If not upgrading with nTest, make sure to run the `nanotronics-libraries-installer-v0_24_3_0-20241209.exe` installer for updates necessary to run
☐ [NSPEC-8967](#) - Implement Software Triggering for Iris Cameras `DONE` .

4 New Features

4.1 Highlights

4.1.1 NSPEC-8967 Improve scanning consistency for IRIS camera scans with long exposures

Tools with IRIS cameras have improved consistency in scan quality due to the implementation of software triggering for the camera. This is especially helpful for scans with long exposure times. Note that IRIS cameras can only perform stop-and-go scans.

4.2 New Features Changelog

T	Key	Release Notes Summary
☐	NSPEC-8967	Improve scanning consistency for IRIS cameras scans with long exposures

1 issue

5 Bug Fixes

5.1 Changelog

T	Key	Release Notes Summary	Affected Releases
🔲	NSPEC-8921	Incorrect sample ID when exporting analyses due to error in sample name field	0.24.0.2
🔲	NSPEC-8985	AI models will not detect any defects on tool generated Device Scans specific to 1.25x objective	0.24.2.0, 0.24.2.1

2 issues