EVIDENT

PRECiV

Release Notes

PRECiV 2.1.1 Release Notes (April 2024) Build 32039

ID	Title	Description
R-3849	Movie is added to PRECiV Core and PRECiV Capture	Movie is now a standard feature for all PRECiV packages in PRECiV 2.1.1.
R-3848	Fix the problem that "Manually confirm device status" after acquisition cannot be used	When "confirm device status after acquisition" is selected, the window asking for device status is empty for manual components.
R-3847	Reduce Lens Collision hazard with warning display when exchanging lens type	The current Z-coordinates defined for the acquisition processes, positions in the position list and the defined Z-limit might not be suitable for the inserted lens attachment type. The objective may collide with the sample when the motorized zoom head is moved. A message is added in PRECiV 2.1.1 when the customer is changing from UIS2 -> XLOB -> SXLOB lens attachment type in PRECiV DSX.
R-3846	Fix the problem that the acquired preview images are too large in Best Image.	When acquiring Best Image with PRECiV DSX, the acquired preview images are too large for the thumbnail preview for a few seconds.
R-3845	Zoom tables for SZ61 and SZ51 are updated	Predefined zoom magnification of SZ61 and SZ51 are different from them showing on the zoom drive.
R-3844	Fix the problem that Instant Panorama and EFI doesn't work with reflected light (fine) algorithm	When using Instant Panorama and EFI simultaneously, the EFI information is not compiled properly, using the Reflected Light (fine) algorithm.
R-3842	Fix the problem that after Shadow Contrast image is acquired, the MIX image is monochrome	After acquisition of Best Image with Shadow Contrast mode, the MIX image is not reverted to color mode.
R-3841	Horizontal and Vertical measurements are added to PRECiV Core and PRECiV Capture	When customers are migrating from Stream Basic or Essentials they are missing the Vertical and Horizontal interactive measurements.It is now added to PRECiV 2.1.1 standard Capture and Core packages.

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R-3840	Improved resolution with DP75	DP75 with 4K resolution DP75 camera supports a 4K resolution (3840x2160) with PRECiV 2.1.1. In the context of DP75 integration, the limit of EFI has been increased to ~12 MP (4096x3000 pixels).
R-3839	PRECiV DSX: Best Image settings can be adapted to the Zoom head type automatically	・Best image settings specific for types of zoom head are available ・Best image settings specific for observation modes are available
R-3838	PRECiV DSX: DSX10-SZH is now compatible with Best Image function	The standard zoom head (DSX10-SZH) is now supported with the best image function.
R-3837	Improved Deep Learning performance using ONNX runtime	The Neural Network processing speed is increased when the computer is not fitted with a dedicated GPU. The processing can now be conducted on the CPU directly.
R-3836	Live defect recognition using Neural Network	The Live AI mode is added to PRECiV Observation tab.
R-3835	Adjustments in EFI algorithm calculation	The parameters for rendering of 3D images acquired with EFI are changed. The new algorithm is now taking into consideration all optical components (objective lens and optical zoom) involved.
R-3834	PRECiV DSX: Repeatability assessment of Z calibration	EVIDENT Service personnel can perform Height verification using standard step master sample.
R-3833	PRECiV DSX: Support of Maker Calibration	EVIDENT Service personnel can use the DSX Maintenance Software for performing DSX1000 calibration.