



Release notes
OLYMPUS Stream 2.5.2
June, 2022

OLYMPUS Stream V2.5.2 Release notes

Release Note	Topic	Detail	Type
R-3389	Microsoft Server 2022 is supported with Stream 2.5.2	Windows Server 2022 is supported for Stream File Repository 2.5.2 Windows Server 2022 (64 bit) is needed for the installation of Stream SFR 2.5.2 and for the Floating License Server compatibility.	Update
Stream Enterprise / Stream Secure File Repository			
R-3388	SQL Server 2019 Express and Standard Editions are supported	The 2019 version of SQL Server is supported with Stream 2.5.2 Both versions (SQL Express and Standard) are supported for the Database installation Both Workgroup and Enterprise database are supported. SQL Server Express 2019 is installed by default for all Stream packages (Basic, Essentials and Motion)	Update
Stream packages with database (Basic, Essentials, Motion, Desktop and Enterprise)			
R-3399	The support of Photometrics and Qimaging cameras is discontinued	The following cameras are not supported in Stream 2.5.2 Qimaging: MicroPublisher RTV 3.3 MicroPublisher RTV 5 Photometrics: Retiga SRV Retiga 2000 RV Retiga 4000 RV Retiga 2000 R Retiga 4000 R Retiga EXi They cannot be selected in the device list nor during the setup	Change
All Stream packages with acquisition			
R-3398	The support of analog to digital converters is discontinued	The following devices: Imaging Source: - DFG 1394-1e - DFG USB2/It are not available anymore in the device list.	Change
All Stream packages with acquisition			

Release Note	Topic	Detail	Type
R-3394	Stream 2.5.2 supports the new camera DP23M, successor of XM10, XM10IR	The monochrome camera DP23M is now supported in Stream 2.5.2 Max resolution: 3088 x 2076 pixels (6.41 MPixels) Pixel size : 2.4 x 2.4 µm Interface: USB 3.1 (USB-C connector) Aspect ratio: (1/1.8 inch)	Feature
All Stream packages with acquisition			
R-3387	Stream 2.5.2 supports the new camera LC35, successor of LC30.	Stream 2.5.2 supports the new camera LC35, successor of LC30. Full resolution : 19 fps @ 2160 x 1620 FullHD : 1920 x 1080 Fast Mode : 30 fps @ 1296 x972 Pixel size : 2.2 x 2.2 µm	Feature
All Stream packages with acquisition			
R-3401	Fix the bug that the Shift key cannot be used with drawing tool	Stream 2.5.2 fixes the problem which was reported in Stream 2.5: It is now possible to use the [SHIFT] key for drawing perfect circles using the drawing tool "Ellipse". It is also possible to draw an exact horizontal or vertical line with the "Line" and "Arrow" function by pressing the [SHIFT] key.	Bugfix
All Stream packages			
R-3391	Solution Deep Learning: Instance Segmentation	It is now possible to train a Neural Network using the Instance segmentation method. Instance segmentation is added to the already existing Semantic segmentation. In Instance Segmentation, bounding boxes are generated for each instance of multiple categories present along with the object segmentation masks. It treats multiple objects of the same class as distinct instances. Instance segmentation is activated by tick boxes in the Neural Network training menu (Deep Learning layout).	Feature
Deep Learning Solution			

Release Note	Topic	Detail	Type
R-3402	Fix the bug that the DSX images cannot be loaded to Materials Solution	Stream 2.5.2 fixes the problem that some image format cannot be loaded into the Materials Solution workflow. - DSX Images - LEXT Images	Bugfix
All Materials Solution			
R-3392	Materials Solution: Segmentation selection is included into the workflow	In Materials Solution - Porosity - Particle Size Distribution - Phase analysis it is now possible to select the thresholding method inside the workflow. This option was previously available in the "Options" menu. In Stream 2.5.2, it is possible to select the segmentation mode (Threshold I/R/G/B or Threshold HSV) and the component for each mode. In the case of monochrome images, the selection is not possible.	Change
Materials Solution Porosity, Particle Size Distribution, Phase analysis			
R-3400	The support of Microsoft Office 2010 is discontinued	Microsoft Office 2010 cannot be used in combination with Stream 2.5.2	Change
All Stream packages with report			