

TubeScan 7.4 Release Report

1 7.4.9 (23.03.22)

- Fix blocking issue on automatic roll reset
- Lane/Top detection can be enabled without auto matrix enabled
- Add zone multiplication in zone editor
- Fix handling for empty codes in customized variable data zones
- Possibility to flush csv file after each repeat for feature zones
- Do not remove defects from defect queue when stopping camera
- Simulator:
 - Fix film reloading
 - Fix velocity handling
 - Fix license handling
- Fix manual zoom when padding changes
- Prevent error message when neither fine nor coarse inspection is enabled
- Fix alarm duration setting when placement is not licensed
- Fix issue with pdf calibration

2 7.4.8 (28.02.22)

- Fix missed frame handling for camera
- Fix blocking issue when taking reference image
- TS Factory Settings tool added

3 7.4.7 (23.02.22)

- Fix NullPointerException in during Inspection (WriteDefectsToMemoryStream)
- Fixed, that too small OBR / OCR zones were not entirely removed from zone editor
- QLinkEditor/Viewer now displays correct defect size colors (yellow, orange, red) in offline mode
- Coarse Inspection now counts defects and outputs signals correctly
- Fix hanging roll reset in qlink
- Up to 10 repeats in live view

4 7.4.6 (14.02.22)

- GraphicalDefectQueue scales the target position correctly now
- QLinkEditor/Viewer now displays correct roll information
- Fixed, that overflow status was triggered too early, which causes inspection to be stopped accidentally (introduced in v7.4.5)

5 7.4.5 (11.02.22)

- Allow to load normal or reflective bright camera settings in calibration tool
- Fix exceptions in PDF comparison and placement of newly loaded pdf file
- Support for new human readable license format
- Additional defect found strategy for forcing minimal signal length (Extended Settings: IOControlSettings.ForceSignalLength)
- Adaptions for Cougar Camera: See document "Cougar TubeScan Configuration"
- Fixed zoom in Visual Settings Window
- Handling for missed frames

6 7.4.4 (28.01.22)

- Fixed that reference image in zone editor was not visible (introduced with v7.4.3)
- Fix for difference image when subsampling is enabled.

7 7.4.3 (25.01.22)

- Added new parameter AllowRestartAfterScanModeChange in EnvironmentSettings.xml (default value is *false*)
- Disabled Averaging during Clear Label Inspection
- QLink Webservice
- Fixed missing I2C exception for Bluefox camera (TubeScan and TubeCalibration)
- Fix zones with subsampling enabled
- Fix Averaging overlay with subsampling
- Log command line arguments
- Improved automatic defect selection of QLinkRewinder when the machine has stopped for a defect and "DefectControl" is used
- Introduced parameter "SingleLaneProcessing" in "RollMapSettings.xml"

Together with a QLinkPress licenses this option enables QLinkSlitter mode with extended reel/order statistics and state management for lanes/daughter reels via roll map control. Column visibility can be changed in the also newly added settings tab "Net Counter Settings".

In combination with a QLinkRewinder license the operator can choose which lane should be loaded from a QLink protocol

- Predict next roll number before entering production mode
Only works when the order already exists
- Introduced an option to disable automatic reel loading in QLinkEditor/Viewer
AutoRollLoad (default = true) in QLinkEditorSettings.xml
- Fix Exception when opening job window
- Fix location of defect queue window
- Fixed registration issue on icon-based measurement, due to alpha channel mismatch between live and reference image

8 7.4.2 (16.12.21)

- Padding dependent on ScanMode
- Fix exception ing settings archiver
- Fix teamviewer id logging
- Do not discard pdf when reopening PDF Comparison (bug dependent on calibration)
- Fix reading old rollmap files
- Fix signal handling for qlink
- Fix crash and deadlock in QLinkEditor
- Show used output signals in settings dialog for selected defect mode
- Cougar camera support
- Fix wrong assignment in PlacementSettings when updating from older versions
- fix handling for height compensation factor when changing ScanMode

9 7.4.1 (17.11.21)

- Fix coarse inspection with subsampling
- Clear feature zones when not licensed anymore
- fixed a potential stride usage problem.
- fixed incorrect stride value for using featuremap in blob module.
- fixed unhandled exception in qlink settings archiver

10 Revision 7.4.0

Initial Version

