AIT EasyDL (Item No.: 100115)

AIT EasyDL is a software for setting up and controlling machine vision checks based on Deep Learning. The clear and customisable graphical interface enables visualisation according to customer requirements. AIT EasyDL combines the operation and control of both traditional machine vision tools and neural networks under one roof. Any inspection system, no matter how complex, consisting of several cameras, can be centrally controlled by AIT EasyDL.

Basic Features
• Vision inspection / parameters editable on VisionPro Quickbuild basis
• Evaluation of neural networks based on Cognex ViDi
• Parameters editable via simplified representation in user interface
• Several cameras can be controlled simultaneously, e.g. several systems on one central computer
• Item management, e.g. for type differentiation
• Image storage:
o Selective storage (IO and NIO test results)
o Storage in different file formats (PNG, BMP, JPEG)
o Ring storage possible
• Variable data transmission to higher-level control via ProfiNet (using Hilscher card)
• User administration using different user rights
• Display:
o Display of several independent test systems on one display unit
o Display of one programme:
▪ Job and image display of the selected test programme
▪ Display of the programme sequence incl. status of the respective test
▪ Switching between the respective items
o Status and result display
• Language switching: German / English, other languages optional

vision & id

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