EVT

Precise measurement

Inspection in 1D, 2D, 3D und Thermography

Color inspection

Code and Text reading

Object detection

Matching of objects

Position control

EyeSmartVision Cabinet

Testing in 1D, 2D, 3D and Thermography

Interest aroused?
Visit the

EyeCademy
powered by EVT

Quality assurance
Defect detection
Thermography
Ready-to-Use
Inspection
Measure

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EyeSmartVision Cabinet - EyeSVC
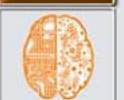
EyeSmartVision Cabinet enables almost all optical inspections in the area of 1D, 2D, 3D and thermography. The ready-to-use system inspects safely as well as precisely and can be put into operation quickly. The EyeSmartVision Cabinet provides important inspection results and outputs them user-friendly via the integrated monitor.

Components of the EyeSVC

1. EmSys computer equipped for 4 GigE cameras with PoE
2. Camera and suitable lighting
3. Monitor
4. Signal tree
4. Image processing software *EyeVision*

The advantages of EyeSVC

1. Easy & fast visual inspection without programming

2. In a mini control cabinet, just plug in and go

3. Early detection of faults

4. Detection of fault frequencies

5. Excellent price-performance ratio

6. Visual output of results on integrated monitor

7. Fast integration to PLC via digital I/O, Profinet or to control system via OPC UA

8. Graphical creation of test sequences, no programming necessary

9. Change of the test sequence via the host computer

10. Many communication interfaces such as digital I/O, Profinet, Modbus, TCP/IP as well as a serial interface RS232/485

11. Variety of cameras for line scan, matrix, 3D and thermography

Application fields of EyeVision:

Identify
Incoming goods inspection

Mount
Instruction of employees in production

Control
Quality control

Picking
Outgoing goods inspection

Measuring
Inspection
Check
Skeletonize
Positioning
Traffic control
Machine Learning
Test for completeness
Attendance control
Component inspection
Surface inspection
Number plate reading
3D matching
3D Vision
Robot Vision
Coplanarity
People entry control
Contour inspection
Contamination test
Defect detection
OCR / OCV
Barcode reading
DMC & QR Code reading
Thread inspection
Paper inspection
Plastic inspection
Metal inspection
Display inspection
Pattern matching
Blister inspection
Semiconductor industry
Food industry
Electrical industry
Pharmaceutical industry
Transport & Logistics
Stamping industry
etc.