ADOVIS · AI VISION INSPECTION · AN AD-AU PRODUCT

The defect stops at the station, not at your customer.

AdoVIS watches the assembly with AI cameras: it checks that every component is fitted and compares its position with the coordinates learned for the part. The OK / NOK result goes straight to the station PLC.

No extra sensors **Siemens S7 PLC** **MES optional**



Housing: ADECCO SRL (legal name).
Quality control, not a safety component.

< 0.1 s	1–4	12 MP	0
response time	cameras per station	Sony sensor	wrong parts reported by the customer in 6 months, 2 shifts

What it does

Presence and position
Checks every component: fitted and in the right place (clip, screw, label).

Missing or wrong
Marks the missing or wrongly fitted component on the live image.

Robust to lighting
Tested with changed lighting and a moved camera: the detection result stayed the same.

AI in the camera
The neural network runs on the camera's NVIDIA processor; the PC only displays and communicates.

On your existing PLC
Talks directly to the machine's Siemens S7 PLC through the AdoVIS software routines.

Line software
Operator panel, PLC monitoring, manifest and colour decoding, history, password-protected settings.

How it connects in the station

AdoVIS cameras
1–4 per station, AI detection runs in the camera

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Station PC + AdoVIS software
operator panel, history, PLC link

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Siemens S7 PLC
requests confirmation, receives OK / NOK

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MES
optional: releases the next operation

How it is implemented

01
Mounting and images
We mount the cameras on the station and collect production images.

02
Training
We train the cameras on your part, usually with more than 200 images, depending on the part and configuration.

03
PLC connection
We connect AdoVIS to the PLC (and to the MES, if there is one) and start the inspection.

Free feasibility test in our workshop, on your parts, good and defective. A test on your line is possible at a small cost.
Send a few photos and the station cycle time: **+40 786 819 923 · office@ad-au.com**