



SAC "VisionCube" Product Information

Version 1
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VisionCube

Ready-to-use image processing system with software made in Germany

The optimal access to professional image processing. Whether feasibility study, demo application or concrete project in the industrial environment - the perfectly matched Plug & Play system enables an efficient implementation of the task. The VisionCube starts directly with Coake®. All interfaces are already integrated there. With the interactive introduction an initial example application runs within a few minutes.

The robust and fanless box has all connections for communication with GigE cameras and peripherals on the front side. The integrated real-time controller operates LED current, camera triggers and digital I/Os, while the images are processed on the Multicore processor.

The software used is our innovative Coake® 7 machine vision software. A simple control concept and the extremely high performance offer efficient solutions in a variety of inspection tasks. Whether dimensional inspection or surface inspection - Coake® has already proven itself a thousand times in a wide range of industries.

Main advantages:

- Specially developed for the machine vision area, the compact system saves space and time for complex tests regarding camera triggers, evaluation, etc.
- One software that does it all: image acquisition, evaluation and process communication
- Graphical development environment: The test sequence is created by drag & drop, no programming language is required.
- Tools and efficient test algorithms are tailored specifically to the requirements of automated 100% control.
- High performance due to multi threading
- Implementation of image processing solutions with real-time requirements
- Can be used in a manufacturing environment due to a fanless and robust design
- VisionCube comes preinstalled with a selection of pre-built test programs

