

COMPUTER VISION

We teach machines to see in order to solve hard problems across a variety of industries. We add value to the images and videos that are most relevant to you and your industry.

We provide a comprehensive machine vision library for C++ and Python programmers for creating industrial image analysis applications –from standard-based image acquisition interfaces, through low-level image processing routines, to ready-made tools such as template matching, measurements or barcode readers. The main strengths of the product include the highest performance, modern design and simple structure making it easy to integrate with the rest of your code

Industry automation and machine vision quality control

Visual control

Machine vision for visual control: This is based on recognition of different pixels and their patterns. Using neural networks and artificial intelligence, we can teach the system to recognize and then check, in real time, object colours and the presence of objects, measure distances, scan multiple code types and much more. The detection algorithms are continuously enhanced by machine learning.

Automation

We not only automate quality control but also different workstation types. Our computer vision solution system also controls and monitors robots. Robot movements are controlled by the ROS (Robot Operating System), which lets us dynamically respond to production needs.

User interface

Our computer vision solutions are designed with the user in mind to be as simple as possible to use for both the quality manager recording and analyzing production and the production line operator monitoring activity along the line.

