

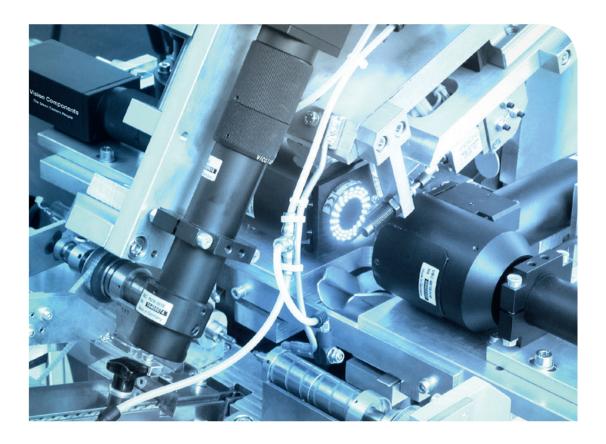


# We make the world a smarter place.

#### Welcome at the home of the intelligent camera!

Michael Engel, founder and president of Vision Components, is a true pioneer in industrial machine vision. His personal vision: setting new limits to what is feasible and pushing new technologies. As early as in the 90s, he decided to go for a promising technology that would revolutionize the concepts of machines and industries: Developing intelligent cameras.





Founded in 1996, today Vision Components is globally present and has brought to market more than 250,000 systems.

### There's more than one way leading to a smart solution.

You are looking for a 3D laser profiler for special applications or for a classic all-rounder camera with built-in CPU or maybe a MIPI module for maximum flexibility? Whatever you choose, we can provide the components fitting best your solution.

### Embedded vision camera, complete system or MIPI module?

Our products' modular structure leaves you with all options: We offer a comprehensive selection of sensors, board level and cased models, custom hardware development and complete systems with laser triangulation for 3D applications.

#### *Intelligent prime quality:*

Our intelligent cameras are freely programmable, equipped with Linux® OS and VC Lib and are real-time and network-compatible. The combination of our skilled expertise and the outstanding service we offer before, during and after every project, make one thing for sure: With Vision Components you can rely on excellent quality.

### Field-tested in all industries, such as:

- / Pharmaceuticals and Medical Technology
- / Food & Beverage
- / Packaging
- / Semiconductor & Electronics
- / ITS, Surveillance & Traffic
- / Logistics
- / Robotics

#### Your embedded vision There's more than one way leading to a smart solution – we're here to support you at kit for every need. every step. Accessories Many components are necessary for an embedded vision solution: We help you with drivers, FPC cables, lensholders, carrier boards etc. Drivers CPU Software MIPI modules Maximum flexibility: Open Free basic drivers for ideal Your choice: All processors with Maximum flexibility sensor connection including MIPI CSI-2 interface as well as source libs, 3rd party software, Your smart solution with wide selection of sensors custom solutions with FPGA. source code. Linux<sup>©</sup>, etc. Configuration Software Housing Camera modules incl. CPU Freely programmable! Incl. OEM cameras with sensor With standard housing or on-board, remote sensor, IP67 protective housing, also VC Lib with more than 300 **Your smart solution** Typical all-rounders with ARM<sup>©</sup>/Linux<sup>©</sup> Which component with integrated lighting. functions, standard Linux<sup>®</sup> OS stereo board cameras and compatible with 3rd party SW. custom-design cameras are fits best? available. Configuations Software Housing Our laser profilers are available Available with industrial IP67 FPGA generated point cloud 3D systems from regular to XXL set-up covering housing or as OEM board kit for available in on-board memory. Your smart solution

different working distances.

custom designs.

Freely programmable!

For triangulation applications

## Examples for smart solutions:

- / Laboratory automation & analytical devices
- / 3D recognition & measurement
- / Smart Traffic/ITS applications
- / Code reading
- / Robot quidance
- / Automation
- / Smart Farming applications
- / Positioning/alignment
- / Smart City applications
- / Number plate recognition (ALPR/ANPR)







# Make your visions come true!

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