



Digital Microscope- and intelligent Vision Sensors for integrators and machine builders

We automate Microscopy “reduced to your needs”



Imaging and Job Modules

As a contract manufacturer with own production facilities, we develop and manufacture standard and custom-made digital microscopes and vision sensors, as plug and play Imaging Modules.

With integrated Camera, Light, Optic and Controllers, each Module is dedicated to one application.

Applications

- Connector Testing
- Robotic Imaging Applications
- Biomed Screening
- Image based Microfluidic
- Surface Anomalies detection
- Automation of Microscopy

Specifications Imaging Modules

Specification depends on the respective module type

FoV (Field of View)	1.8.x 1.4 to 307 x 230 mm
WD (Work Distance)	13 to 1000 mm
Lighting	Coax and Ring Light
Connection Sensor	USB 3.1 3.1 or 5 MP

Look at Product finder:

<https://www.opto.de/en/imaging-modules/productfinder/>

Software

Together with each Module there comes a free and simple Image Acquisition, measurement and documentation Software “OptoViewer”. Within our Software capabilities we can upgrade every Imaging Module to a fully automated computational “Job to be done” solution with Measurement or Image Analysis functionality.

For Integrators and product manufacturer, we give full access to the SDK to implement our products perfectly into their machinery.

Specifications Software

Free Opto Viewer
solino Computational Imaging
Software Engineering
DATA Management
Image Analysis
Deep Learning & AI
Workflow management
More here https://www.opto.de/en/software/

