

Scan objects simply for a variety of applications and digital processing



OBJECT & MOTION DETECTION

Automatic object and motion detection by scanning with smartphone camera (Image sequences, video, movement patterns) or stationary cameras

OBJECT COUNTING / TRIGGERING

Automatic counting of species-specific objects and processing

OBJECT SEGMENTATION

Automatic segmentation of the object from the background, for further digital processing

OBJECT MEASUREMENT

Automatic measurement of the object according to various attributes (length, depth, height, width, circumference) or surface texture



AUTOMATED FITTING

Automatic comparison with other objects to fitting (length, depth, height, width, circumference)

3D-WIREFRAMING / DIGITAL CLONING

Generation of a point cloud from the model and generation of a textured 3D wireframe for further use of the digital clone in various application environments (systems, 3D printing, CNC production machines, virtual reality etc...)

Precision, stability and versatile usability in digital worlds. In the last years, we have developed several Computer Vision applications/solutions to make the scanning-process practical and mobile. Here we have developed solutions for the high-precision area (ToF, 3D camera systems) as well as consumer solutions in the iOS and Android segment (dual camera). Always in focus: the simple execution of the scans with smartphones or tablets. Our development teams have this knowledge and building blocks now bundled in a single platform. Our SCAN-X kit.

We offer companies of all industries the possibility of cutting-edge computer vision technology targeted for your own application ideas and make it usable for your specific use-case.

Exemplary Use-Cases:

- Quality testing in supply chain management and during the production process
- Detection and identification of parts in logistics and manufacturing for further processing
- Field Service spare part detection (immediate check of the parts and direct connection to service/webshop)

The SCAN-X solutions open up a completely new space for the use of digital power and innovation. The application possibilities are unlimited.

Our 4-STEPS for your optimized Computer Vision projects:

