



Machine Vision & Robotic Solution

ABOUT US

Our Vision is to be the pioneer in the field of futuristic Automation Solutions. Ikshana makes your “Solution Smarter With Clear Vision”.

Automation Solution Provider with 18+ Years of Industrial Experience.

Ikshana Automation was established with a focus to serve Industrial Automation Customers in segments of Vision Automation, Robotics, Customized Automation, Engineering Services & Process Instruments.



Smart Camera 2D Vision



Industrial Camera



Customised Automation

3D Snap Shot & Profiler



Robotics



Guidance

Coordinate Calibration
Mechanical Movement
Guidance



Inspection

Defect Detection
Abnormal Detection
Object Detection



Gauging

Coordinate Irregular
Size Measurement 3D
Dimension
Measurement High
Precision Measurement
Calibration Mechanical
Movement Guidance



Identification

Barcode Reading
Traceability Optical
Character Recognition

COGNEX

COGNEX

Smart Camera With
Edge & Deep Learning
Technology



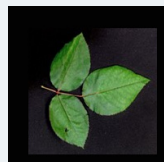
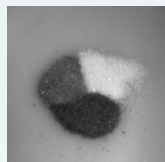
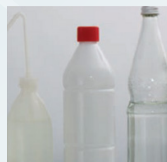
Fixed Mount Reader
Smart Handheld Reader
Barcode Verifier

- All PLC Communication
- IOT 4.0 Ready
- High Speed Liquid Lens
- IP 67
- Patented Algorithm
- All Major Symbology Supported
- HDR+ Image Technology
- High Power Integrated Light

ALLIED VISION



The product range includes **2D**, **3D**, and **SWIR** camera technology that provides image capture solutions for factory automation, logistics, medical imaging, and many more digital imaging applications. These systems apply automated optical inspection (AOI) including 2D and 3D measurements with high-accuracy and repeatability for MEMS, advanced packaging, RDL, bumps etc. to ensure that a certain yield can be confirmed and maintained.



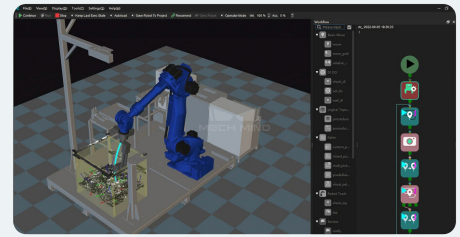
MECH-MIND



Mech-Mind is the leading provider of **industrial 2D/3D Camera** and **AI-powered software** for intelligent robots. By combining 3D vision with AI technology, Mech-Mind brings automation to the next level and empowers partners and system integrators to manage the most challenging automation tasks, including **bin picking, depalletizing & palletizing, picking & placing, assembly, and inline measurement.**

10,000 + Cameras Installed Worldwide

- **3000+** applications
- **1500+** customers
- **50+** countries and regions

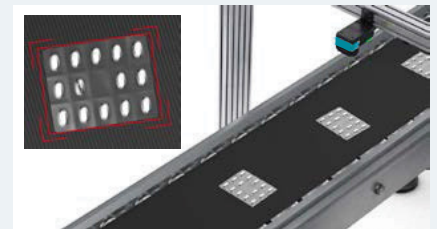
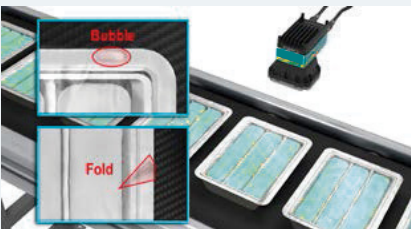
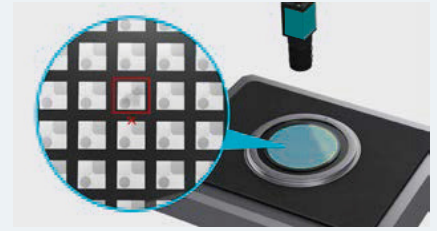
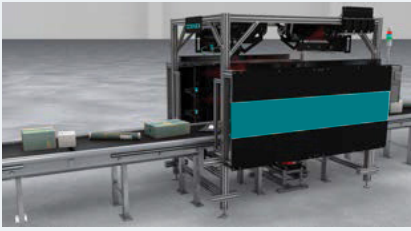
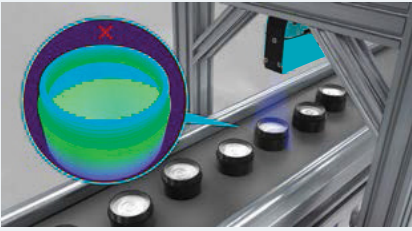
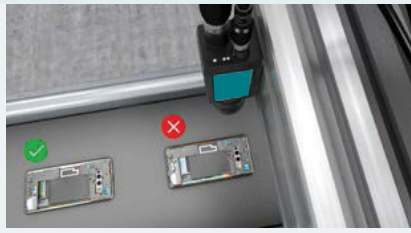
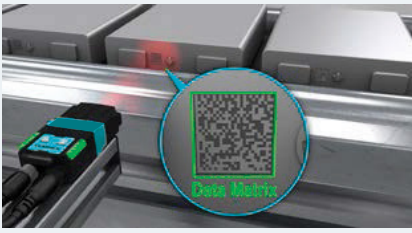


ROBOTICS

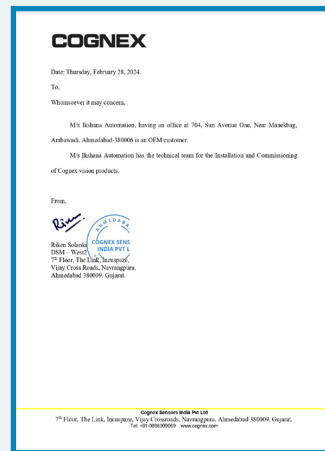
- Robotic Pick & Place
- Robotic Palletizing & Depalletizing
- Vision Based Robotics Solutions
- Robotics Welding
- Robotics Assembly
- Robotics Machine Tending



MACHINE VISION APPLICATION



CUSTOMERS



Ikshana
AUTOMATION

✉ nm@ikshanaautomation.com
am@ikshanaautomation.com

☎ +91 9714174440
+91 9714154440

📍 704 Sun Avenue One, Ambawadi, Ahmedabad- 380006