



# WRIST CAMERA

VISION MADE FOR UNIVERSAL ROBOTS

## EASY TO USE

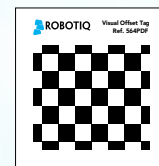
- Teach, edit, and run via the teach pendant
- Accelerate changeovers with Visual Offset
- Operate with any expertise level



CAD IMPORT



VISUAL OFFSET



CODE READING



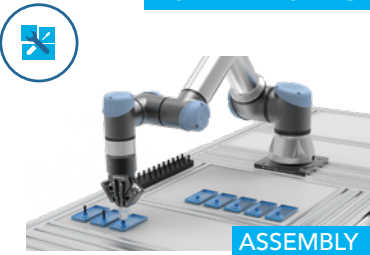
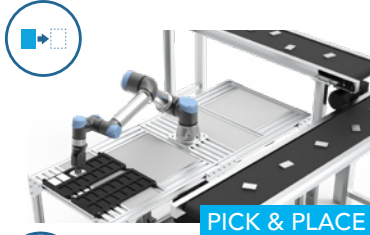
**START  
PRODUCTION  
FASTER**

LEAN   
ROBOTICS

# FAST & REPEATABLE PART DETECTION



## APPLICATIONS



## FEATURES

- CAD Import**
- One-click workplane**
- Auto-pick**
- Parametric part teaching**
- Gripper clearance check**
- Visual offset**

## BENEFITS

- ▶ Teach a model using your own CAD file
- ▶ Create additional workplanes for your pick and place application with only one click
- ▶ Automatically creates the picking action with a centered position
- ▶ Ideal for faster blank programming
- ▶ Robust program minimizes production downtime
- ▶ Use the Robotiq tag to offset the robot program and accelerate changeovers

- 1D and 2D barcode reading**
- Image saving**

- ▶ Perform real time quality control
- ▶ Trace parts in a product assembly  
Program picture parameters for a personalized visual traceability

- Shape programming wizard**
- Assembly management**

- ▶ Program complex parts in minutes
- ▶ Simultaneously manage different parts for flexible assembly sequences  
Enables robot to work in structured or unstructured environments

## SPECIFICATIONS

Sensor & Optics	5 MP color sensor, electrically adjustable focus, 70 mm to infinity
Integrated Lighting	Two units (diffused white LED)
Programmable Parameters	<ul style="list-style-type: none"> <li>• CAD file import teaching (.dxf)</li> <li>• Automatic part teaching (user defined arbitrary shape)</li> <li>• Parametric part teaching (circle, ring, square, rectangle)</li> <li>• Edge editing, object color and clearance validation</li> <li>• Automatic and manual camera parameters: exposure, focus, LED lighting, white balance</li> </ul>
Electrical	Direct communication with UR controller (via USB), and power supply from controller (24 V)
Mass	160 g
Operating Temperature	0°C to 50°C
Camera Internal Image Buffer	DRAM memory

\* All specifications are provided for reference only. See User Manual at [support.robotiq.com](http://support.robotiq.com) for official specifications.

## WHAT'S NEXT?



For further information  
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[robotiq.com](http://robotiq.com)