



WRIST CAMERA

VISION MADE FOR UNIVERSAL ROBOTS

EASY TO USE

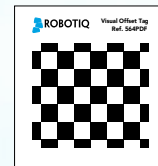
- Teach, edit, and run via the teach pendant
- Accelerate changeovers with Visual Offset
- Operate with any expertise level



CAD IMPORT



VISUAL OFFSET



CODE READING



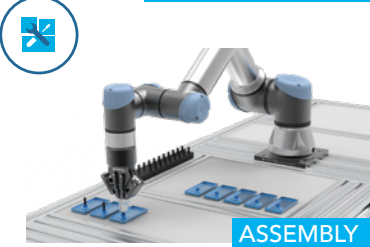
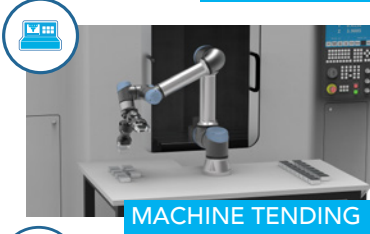
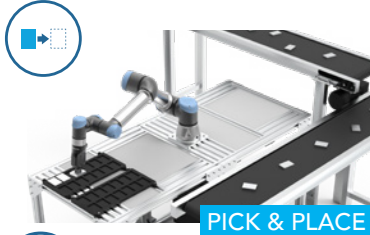
**START
PRODUCTION
FASTER**

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"> • CAD file import teaching (.dxf) • Automatic part teaching (user defined arbitrary shape) • Parametric part teaching (circle, ring, square, rectangle) • Edge editing, object color and clearance validation • Automatic and manual camera parameters: exposure, focus, LED lighting, white balance
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 for official specifications.

WHAT'S NEXT?



For further information
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robotiq.com