



# WRIST CAMERA

VISION MADE FOR UNIVERSAL ROBOTS

## | EASY TO USE

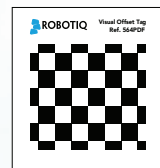
- Teach, edit, and run via the teach pendant
- Locate many parts in a single snapshot
- Operate with any expertise level



## CODE READING



## VISUAL OFFSET



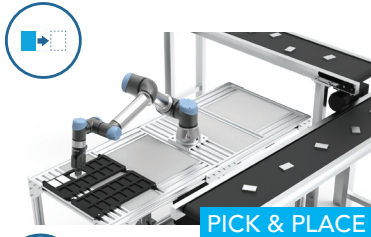
**START  
PRODUCTION  
FASTER**

LEAN   
ROBOTICS

# FAST & REPEATABLE PART DETECTION



## APPLICATIONS



### FEATURES

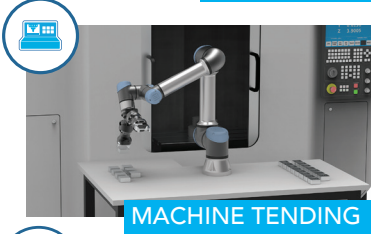
**Shape programming wizard**

**One-click workplane**

**Auto-pick**

### BENEFITS

- ▶ Program complex parts in minutes
- ▶ Create additional workplanes for your pick and place application with only one click
- ▶ Automatically creates the picking action with a centered position



**Parametric part teaching**

**Gripper clearance check**

**Visual offset**

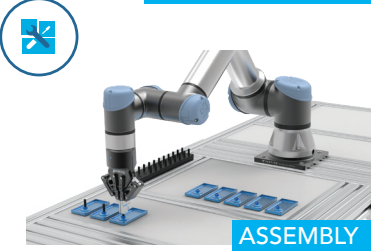
- ▶ Ideal for faster blank programming
- ▶ Robust program minimizes production downtime
- ▶ Use Robotiq tags as a reference to offset the robot's program



**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>• 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>• 2 convenient camera control modes: basic, advanced</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  
[support.robotiq.com](http://support.robotiq.com)  
[iss@robotiq.com](mailto:iss@robotiq.com)  
 1-888-Robotiq



[robotiq.com](http://robotiq.com)