

RB-KAIROS 10e



COMPLETELY INTEGRATED
**COLLABORATIVE MOBILE
 MANIPULATOR (CMM)**, FOR
INDUSTRIAL TASKS

PICK & PLACE
 METROLOGY
 PART FEEDING
 INDUSTRIAL APPLICATIONS
 R & D



TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions	978 x 776 x 1.542 mm
Weight	115 kg + 33,5 kg
Payload	100 kg / 250 kg
Speed	1,5 m / s
Environment	Indoor
Enclosure class	IP52 / IP64
Autonomy	6 / 12 h
Batteries	LiFePO₄ 15 / 30Ah@48VDC
Traction motors	4 x 500 W brushless servomotors with safety brake
Temperatura range	0° to + 50°C
Max. slope	10 %

CONTROL

Controller **Open architecture ROS
Integrated CPU with Linux**

Communication **WiFi 02.11a / b / g / n / ac
Bluetooth 5.1**

Connectivity **Internal: USB, RS232 y GPIO
External: USB, RJ45, power
supplies 5, 12 VDC and batteries**

**Ready for plug and play
integration of Universal Robots™
arms (OEM DC Version)**

URIOE

Payload **10 kg**

Reach **1.300 mm**

**Ready for integration of
compatible accessories arm
available in ROS Components
store**

