



RB-KAIROS

16e

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 1.406mm**

Weight **115 kg + 33,1 kg**

Payload **100 kg / 250 kg**

Speed **1,5 m / s**

Environment **Interior**

Enclosure class **IP52 / IP64**

Autonomy **6 / 12 h**

Batteries **LiFePO₄ 15 / 30Ah@48V**

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)**

UR16E

Payload **16 kg**

Reach **900 mm**

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

