

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 1.406 mm**

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

Payload **Up to 250 kg**

Speed **1,5 m / s**

Environment **Indoor**

Enclosure class **IP52**

Autonomy **Up to 12 h**

Batteries **LiFePO₄ 15Ah@48VDC
or 30Ah@48VDC**

Traction motors **4 x 500 W
brushless servomotors
with safety brake**

Temperatura range **0° to + 50°C**

Max. slope **15 %**

CONTROL

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

Communication **WiFi 02.11a / b / g / n / ac
Bluetooth 5.1 (5G/4G optional)**

Connectivity **USB, RJ45, power supplies 12, 24
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**

