

# RB-CAR

AUTONOMOUS MOBILE ROBOT (AMR)

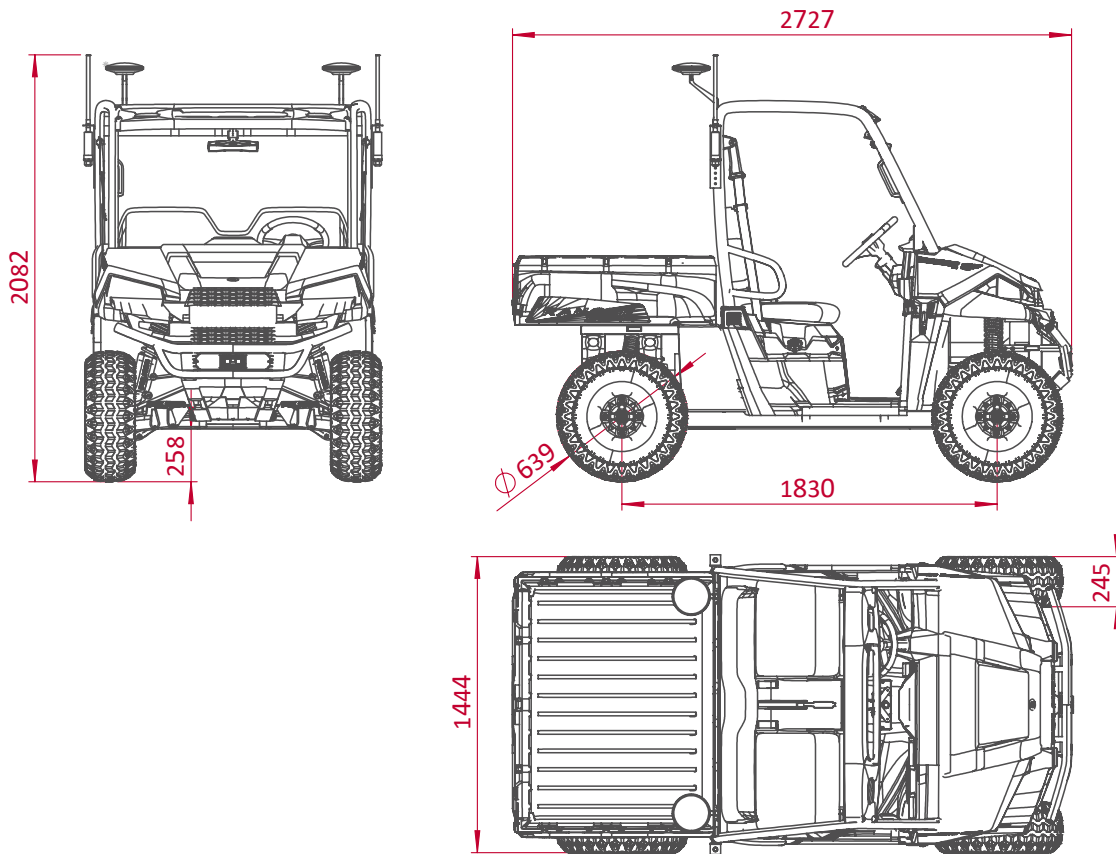


CONFIGURABLE &  
AUTONOMOUS **ALL-TERRAIN**  
**ROBOT**

**680 KG** OF TOWING CAPACITY

SURVEILLANCE AND SECURITY  
PEOPLE OR GOODS TRANSPORT  
SERVICE ROBOTICS APPLICATIONS  
AUTONOMOUS DRIVING RESEARCH





## TECHNICAL SPECIFICATIONS

### MECHANICAL

Dimensions **2.727 x 1.444 x 2.082 mm**

Weight with batteries **800 kg**

Payload **2 people + 227 Kg in the rear box**

Speed **35 km / h**

Autonomy **Up to 70 km**

Temperature range **0° to + 40°C**

Max. slope **30 %**

Batteries **Lead Acid 240Ah@48V**

Traction motors **7,5 kw AC**

Traction system **Ackermann, Rear Wheel / 4 Wheel traction**

Tug Capacity **680 kg**

### CONTROL

Controller **Open architecture ROS  
Embedded PC with Linux**

Communication **WiFi 802.11n**

Connectivity **Internal: USB, RS232, RJ45,  
power supplies 12, 24 VDC,  
and battery**