

ULTRO
Multi-Mission Tactical Robot

KNDS



/ ULTRO Multi-Mission Tactical Robot



Operator control unit

- Manual control by dismounted personnel
- In-sight or out-of-sight remote control capability
- Night vision capability - remote control in complete darkness

- Mule
- Remote Weapon Station
- 155 mm shell transport
- ISR
- Other operational applications

/ ULTRO main specifications

Generic platform designed to mount mission components:

Characteristics

Length: 1.97 m (with side panels closed)

Width: 1.30 m

Height: 1.18 m

Loading height: 0.9 m

Adapted dimensions for dismounted operation support

Weight: 800 kg

Payload: 600 kg

Temperature range: -20 °C to +49 °C

Mobility

100% electric and silent

Reversible travelling direction

Skid steering rotation (pivoting function)

Easily adapts to all types of environment

Sand ladders and off-road accessories

Obstacle crossing: 40 cm to 60 cm (without/with ladders)

Side-slope: 40%

Incline: 35%

Fording capability: 60 cm

Max. speed: 18 km/h

Capabilities

360° camera system

Night vision (Infra-Red and Low Light Level)

Dazzling light

360° acoustic sensors

Front and rear lights

Robotic functions

Remote control

Pedestrian / Vehicle tracking

Autonomous back on track capability

Trajectory replay

Mission modules

Up-to 4 mission-module capability (dismounted personnel battery charger, telescopic arm, special sensors, etc.)

Compatible with the NERVA mission modules (Nexter)

Transportation

Towed by an infantry fighting vehicle

Built-in towbars

Recharged by the towing vehicle

Sling loaded

Military or civil air-transport

Transport in KC20 type containers

ENERGY

Autonomy: 8 to 12 hrs

Standby time: 24 hrs

Standard 6T extractable batteries (Li-Ion)

Batteries compliant with aviation regulations



Transport platform for 155 mm shells

KNDS

KNDS France Robotics

13 route de la Minière
78034 Versailles Cedex France
Tél. +33 (0)1 39 49 33 22
www.knds.com

Unless otherwise indicated, all products are registered
trademarks of KNDS France.

Property of KNDS. All rights reserved.

K2V-015-EN-06/2024