

# ADASI

## FJ SYSTEM

# ADVANCED PERFORMANCE. UNMANNED CAPABILITIES.

The FJ system provides an advanced rapid-fielding, mobile and durable unmanned ground vehicle (UGV) for surveillance purposes and securing of critical infrastructure and borderlines.

The autonomous software system delivers all the capabilities to achieve functions such as person following, autonomous exploration in an unknown environment, and platooning of several UGV among others to mitigate personnel exposure to risk by performing reconnaissance missions from a covered or concealed position, day or night.

The UGV can be wireless controlled and geographically tracked from an armoured vehicle or from a safe distance, using a remote control with an intuitive human-machine interface that allows for efficient vehicle operation.

# SPECIFICATIONS

## APPLICATIONS



**AUTONOMOUS  
EXPLORATION**



**PLATOONING**



**TARGET  
IDENTIFICATION**



**MONITORING  
SURVEILLANCE**

## ADDITIONAL FEATURES

- Autonomous navigation
- Portable remote control, teleop
- Obstacle avoidance
- Target tracking
- Low video latency

- Mesh communication topology
- Real-time health data monitoring
- Autonomous Mission Planning software
- Interactive geo-map and mission setup
- Easy operation and maintenance

## SPECIFICATIONS

Communication system	up to 30 km
Unmanned recommended speed	up to 30 km/h
Endurance	up to 8 hours