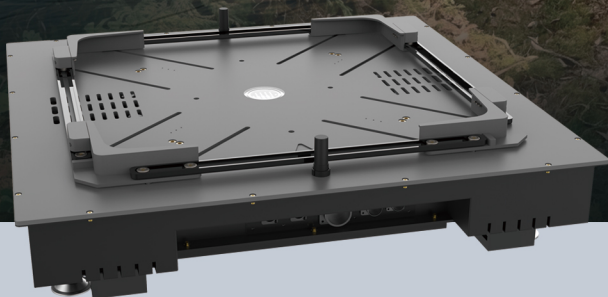


Mobile Drone Station **PORTUS-M+**

Vehicle-Mounted Station **PORTUS-M+**

PORTUS-M is a mobile drone station mounted on a vehicle, designed to allow a drone to take off, land, recharge, and continue missions automatically – even while the vehicle is moving.



What is **PORTUS-M+**



Vehicle-Mounted Mobility

Operate drones directly from a moving vehicle, delivering real-time aerial support during convoys, patrols, and rapid field deployments.



Automatic Takeoff & Landing

PORTUS-M enables fully automated takeoff and landing even while the vehicle is in motion performance successfully verified at 10 km/h. Precision-guided landing technology ensures safe, reliable recovery under vehicle vibration, road movement, and challenging environmental conditions.



Auto-Charging for Continuous Missions

The integrated charging module restores the drone's battery in less than 50 minutes, enabling continuous mission cycles without manual battery replacement.



Follow-Vehicle Function

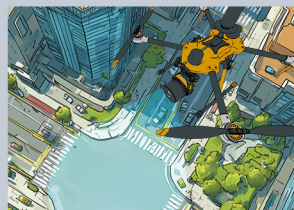
Drone autonomously tracks the vehicle's movement from above, maintaining optimal viewing positions throughout tactical or inspection missions.

Use case **PORTUS-M+**



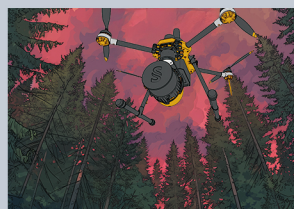
Military operations

Real-time operation during movement for reconnaissance, surveillance, and security missions



Police & security forces

Immediate drone deployment during large-scale events, patrols, and emergency situations for real-time situational awareness



Emergency response

Rapid initial drone response for disaster, fire, and accident sites



Mobile inspection missions

Mobile inspection of wide-area infrastructure including roads, bridges, and industrial facilities

PORTUS-M+ Advanced Control System

This system ensures stable and intelligent coordination between the drone, the station, and the operator.

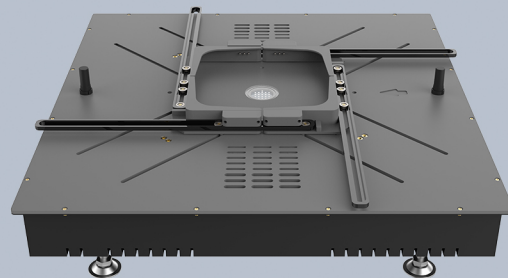
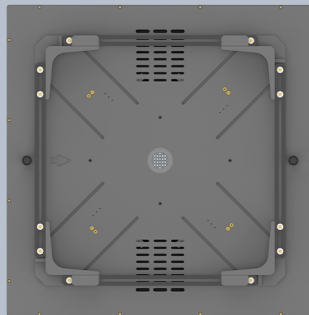
argosALES GCS Platform

Integrated with the **argosALES**-based remote control system,

- Secure remote drone operation
- Automated mission execution
- Real-time status monitoring
- Reliable command transmission over RF and LTE



Technical Specifications



Station

Specification

Station Size	895 × 880 × 145 mm
Station Weight	23 kg
Charging Time	Less than 50 minutes
Charging Cycles Supported	Up to 10 recharges for the drone
Power Input	Dedicated vehicle-mounted power supply (DC)
Operation Temperature	-10- 50°C

Battery Pack

Specification

Battery Pack Size	395 × 940 × 110 mm
Battery Pack Weight	26 kg
Battery Type	Li-ion Battery (8S, 33.6V, 30A) × 4