

Fixed Drone Station **CUNA 2**

Designed with user convenience in mind,
it delivers intuitive systems and
easily accessible services



Station Catalogue



What is CUNA2



Fixed Station

A permanently installed station designed for continuous deployment in a single location. Once taken out of the case and set up, it remains powered on without the need for repeated on/off operation.



IP45 Water Resistance Rating Heating & Cooling System

Ensures safe drone storage 24/7, 365 days a year, regardless of temperature or seasonal conditions.



Automatic Charging & Takeoff/Landing System

The drone automatically takes off to perform missions, then returns for autonomous landing and charging.



Enhanced Security

Operates exclusively through the **argosALES** management software. As long as an internet connection is available, the system can be accessed and operated from anywhere.

Use case CUNA2

Hyundai Construction – Construction Sites

By deploying fixed stations that enable easy drone storage, continuous patrol operations are possible, where drones automatically recharge at the station after each flight and are redeployed for subsequent missions.

Korea Expressway – Highways

The station doors can be remotely opened and closed, allowing drones to be immediately deployed in emergency situations for rapid assessment and response.

Samsung Electronics – Onyang Campus

Fire detection using thermal imaging cameras

Measurement of various environmental factors using air sampling sensors

National Forest Management Offices

Maintains a continuous monitoring system for forest disasters such as wildfires and landslides.

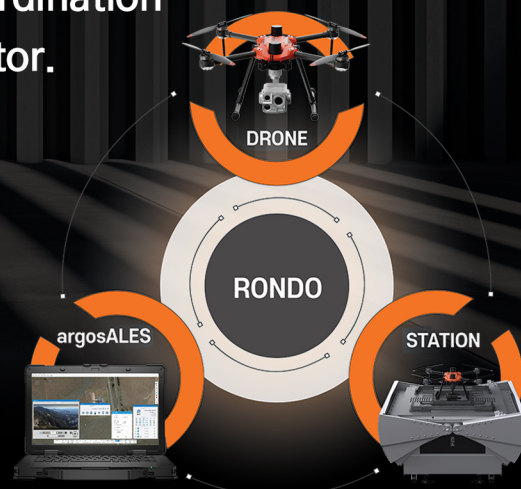
CUNAZ Advanced Control System

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

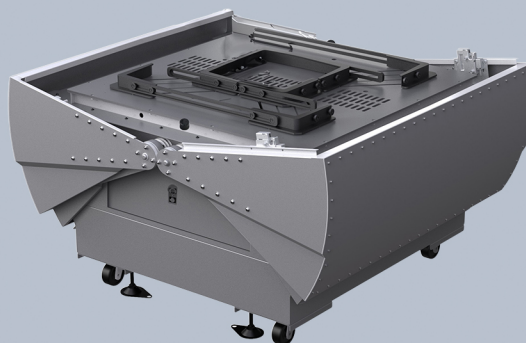
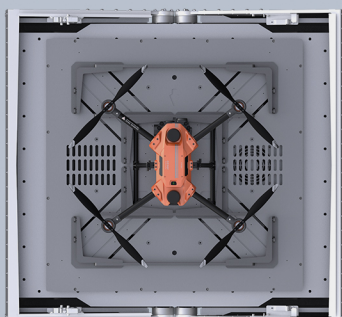
argosALES GCS Platform

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	1135×1096×1086mm
Station Weight	170 KG
Charging Time	Less than 50 minutes
Charging Cycles Supported	Up to 10 recharges for the drone
Power Input	220V single phase (13)
Operation Temperature	-10°C~40°C
Water Dust Proof	IP45
Charging Power	700W
Station Type	Done type closable doors station
Positioning	Dual GPS