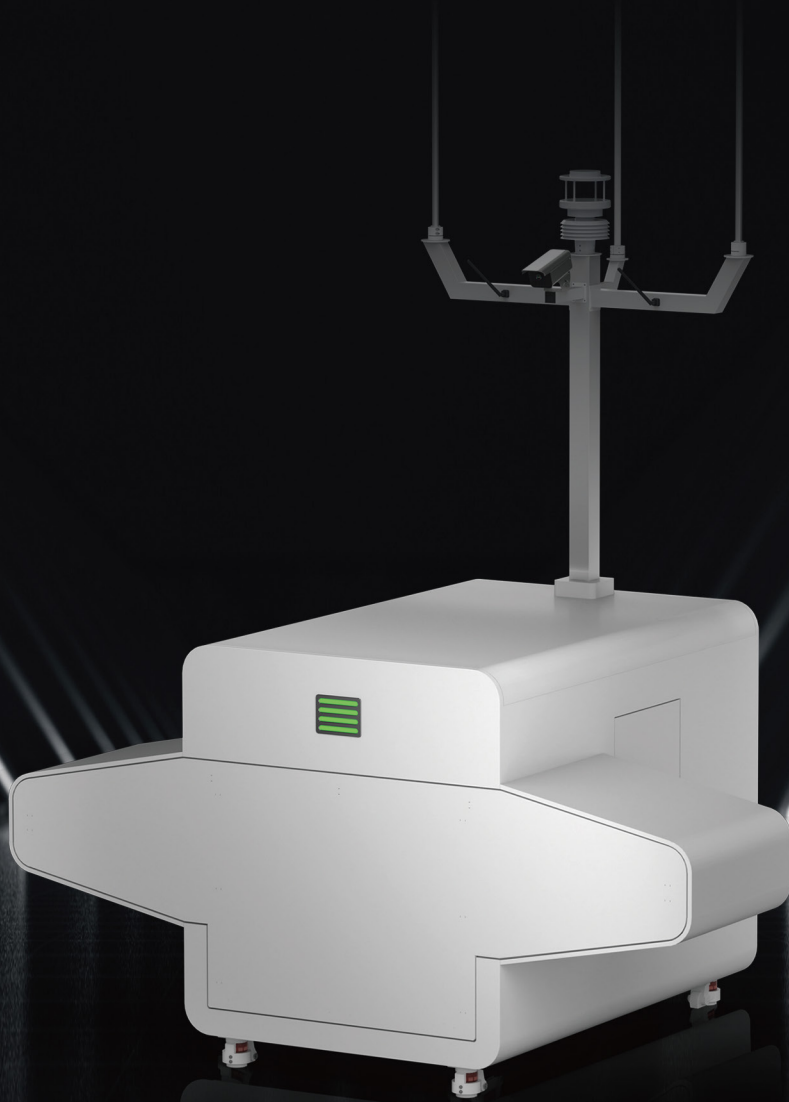# AUTEL
ROBOTICS

Autel Dragonfish Nest

Powered By SkyCommand

Cover The Frontier

Weatherproof

Auto Takeoff, Landing, And Charging
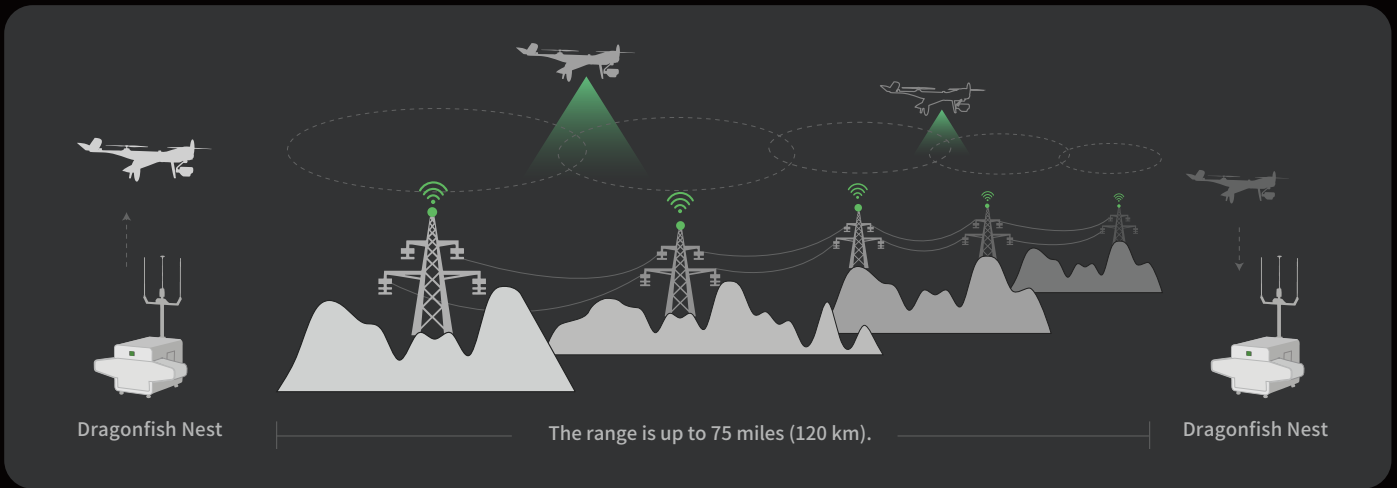
Intelligent Data Storage And Processing

Backup Power Supply

Pallet-sized For Standardized Transport

The Autel Dragonfish Nest is the world's first automated eVTOL support system. With a range of up to 75 miles between units, the Dragonfish Nest combines the high performance of the Dragonfish aircraft with autonomous takeoff, landing, charging, and flight missions. The Dragonfish Nest is perfect for long-range corridor inspections and large area coverage.

Powerline Inspection

Dragonfish Nest

The range is up to 75 miles (120 km).

Dragonfish Nest

Key Features

The Dragonfish ecosystem provides the only long-range, tilt-wing VTOL solution with autonomous capabilities.

The Dragonfish can fly faster and farther than traditional multi-rotor UAS.

Cover entire pit mines, oil and gas pipelines, and powerlines across multiple towns, cities, or states.

The Dragonfish conducts aerial surveys and inspections much faster than traditional multi-rotor systems.

The Dragonfish's 75-mile range requires fewer docks to be built and maintained.

Solution Advantages

- Automatic Flight And Recharging
- Backup Power Supply

- Temperature Control
- Aircraft Management

- Environment Monitoring
- Real-Time Monitoring

Technical

Dimensions (L*W*H)	Closed (incl. Antenna): 70.87*104.33*111.02 inches Opened (incl. Antenna): 183.86*104.33*111.02 inches	**Communication**	Ethernet, optical fiber (customizable), 4G, 5G (customizable)
Charging Type	Automatic Power Swap	**Operating Frequency**	Standard≤200W; Peak 2200W
Battery Quantity	6 pcs	**Weight**	1279 lbs
IP Rating	IP54, rainproof, corrosion resistant	**Surge Protection**	40KA
Monitor System	Weather monitoring system Video surveillance system Take-off and landing positioning system	**Compatibility**	Autel Dragonfish Lite Autel Dragonfish Standard

Applications

Border Patrol

Powerline Inspection

Pipeline Inspection

Mine Inspection