

EVO Nest

Simplify Remote Operations



-22°F~131°F



Easy To
Maintain



25 Minutes
Fast Charging

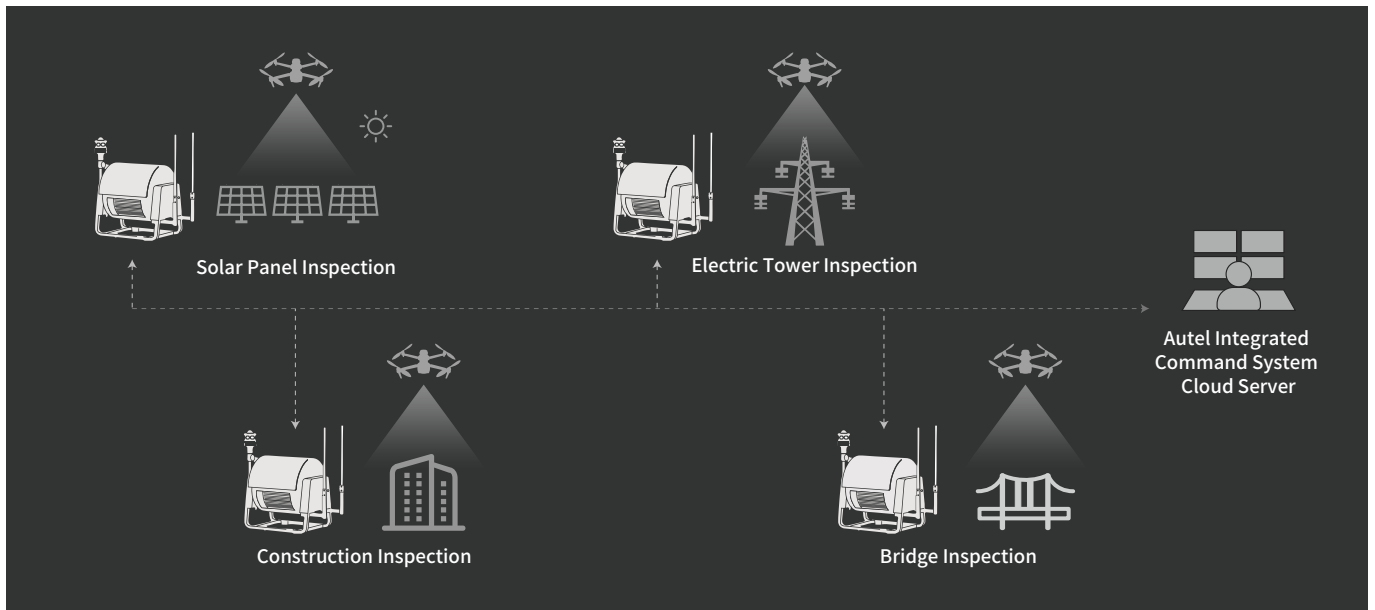


IP55

Reliable, durable, and transportable, EVO Nest is a base for automatic take off, landing, charging, and mission planning for the EVO series. The Nest is designed for all-weather operation and uses a single-piece protective drum with fewer moving parts to simplify maintenance. The Nest fits in the bed of a standard pickup truck and is light enough for 2 people to carry. Paired with the Autel Integrated Command System for centralized drone management, the Nest is easy to set up, maintain, and operate.

Complete Remote Operations System

The Autel Remote Operations System consists of the EVO Nest, UAV, and the Autel Integrated Command System to provide a full end-to-end solution for remote task management.



Autonomous, Semi-Autonomous, Or Remote Piloting

Autel's Remote Operations System gives the pilot great flexibility and control whether the mission is preplanned before the flight, layered on top of an ongoing mission, or if the pilot wants to remotely control the aircraft live.

Multi-Nest Systems

Multiple Nests can be networked to cover large areas and allow flexible, expandable operations.

All Weather Performance

The Nest's integrated weather systems provide localized weather data for safe remote drone operations. An industrial temperature control unit allows the Nest to work in temperatures between -22°F and 131°F.

Transportable & Easy Setup

The Nest weighs 132 lbs, has a footprint of less than 1 yd², and can be set up by a team of 2.

Information Management

The EVO Nest uploads flight and mission data into cloud for easy access, storage, and management.

Encryption

The EVO Nest supports AES 256 image transmission encryption and GB28181 protocol output video stream.

Simplified Maintenance

Thoughtfully designed, the EVO Nest is made for remote operations requiring infrequent maintenance trips.

Fast Charge Capable

The EVO Nest can safely charge an EVO Max Series from 10% to 90% within 25 minutes.

Custom Solutions

Autel can provide customization and further system development to suit industry-specific drone needs.

Specification

Size	36.77*25.24*30.51 inches (hatch closed) 36.77*25.24*21.57 inches (hatch open)
Weight	132 lbs
Protective Level	IP55
Operating Temperature	-22°F~131°F
Operating Humidity	95±3% (68°F~86°F)
Max Operating Altitude	3100m

Max Power	1200W ~ 2000W
Standby Power	10W
Operating Voltage	AC 110V / 220V
Max Charge Current	16A
Drone Charge Duration	10% ~ 90% 25min
Hatch Endurance	≥50000 Times
Model	EVO Max Series