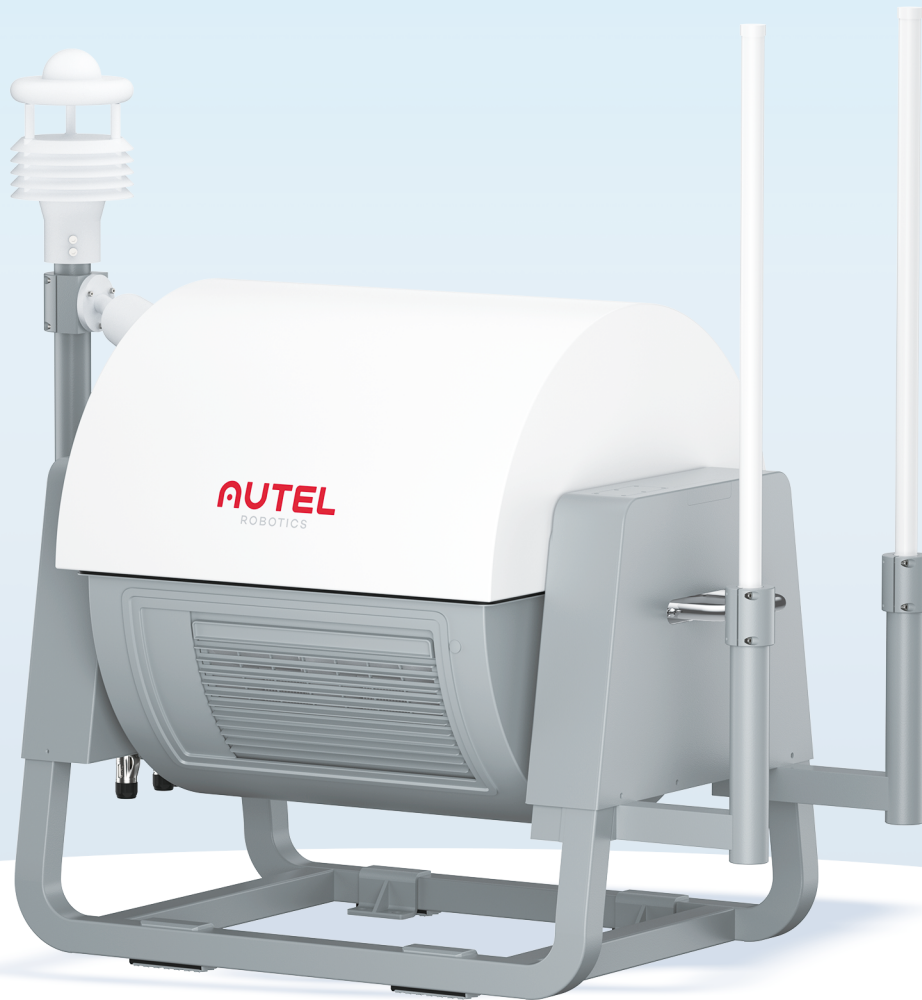# EVO Nest

Powered by Autel SkyCommand

Simplify Remote Operations

-22°F～131°F

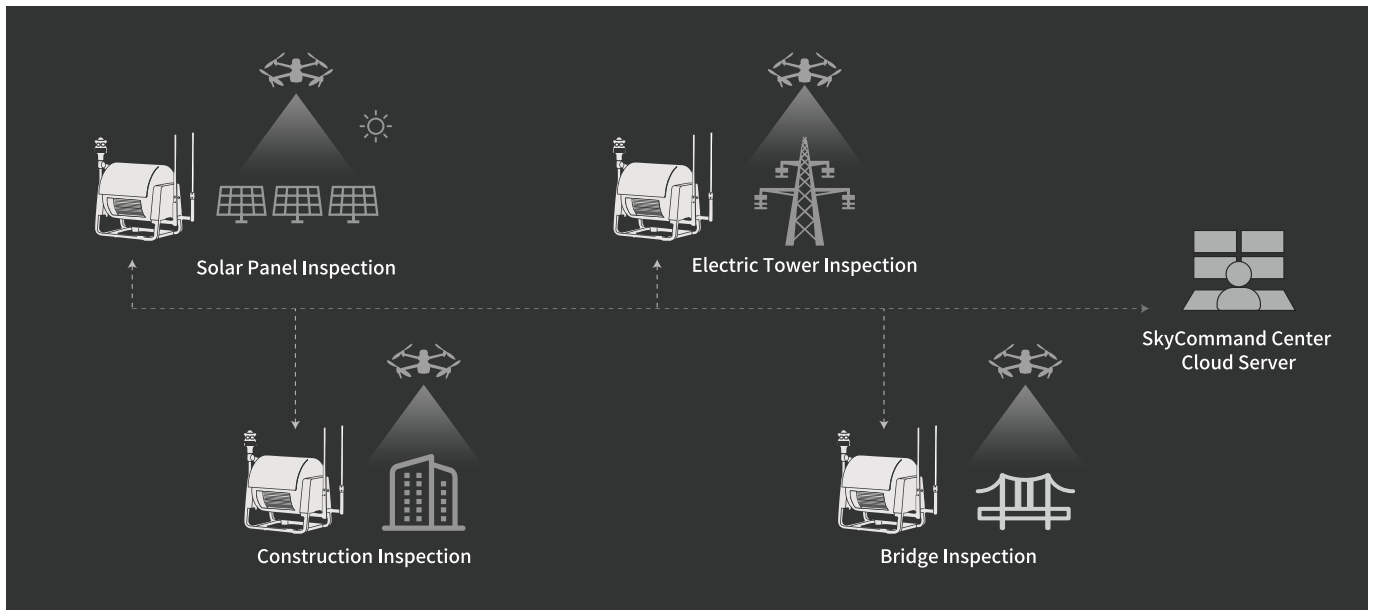**Easy To Maintain**

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 SkyCommand Center 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 SkyCommand Center 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 the SkyCommand 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 II 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)		Max Power	1.2 kW
			Standby Power	10W
Weight	132 lbs		Operating Voltage	AC 110V / 220V
Protective Level	IP55		Max Charge Current	16A
Operating Temperature	-22°F～131°F		Drone Charge Duration	10% ~ 90% 25min
Operating Humidity	95±3% (68°F～86°F)		Hatch Endurance	≥50000 Times
Max Operating Altitude	6000m		Model	EVO Max Series