

Autel EVO III Series

The Autel EVO III Series is built on a new-generation computing platform that understands voice or text commands. It can autonomously plan flight routes and execute missions with exceptional efficiency. Powered by an AI agent architecture that integrates perception, recognition, planning, decision-making, execution, and intelligent interaction, it delivers comprehensive, end-to-end management and collaboration for UAV operations. The EVO III Series is equipped with the Autel OmniLink transmission system, which allows human-enabled multi-UAV and UGV coordination, real-time information sharing between units, and multi-environment intelligent obstacle avoidance. The EVO III Series is designed to empower its operators to conduct automated and complex flights for data collection in the security and inspection industries.



AI Agents
for Drones



Multimodal
Interaction



24/7 Autonomous
Flight



Autel OmniLink Video
Transmission



Superior
Anti-Interference



Omnidirectional Smart
Obstacle Avoidance



25 km
Video Transmission



50-Min
Flight Time





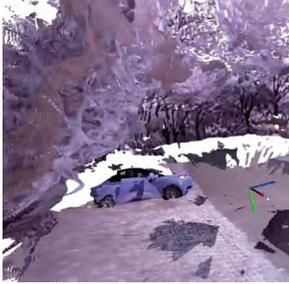
Ai Agents for Drones

The EVO III Series features integrated AI agents that fuse multimodal interaction, intelligent mission planning, and autonomous execution. It supports mission planning, situational awareness, target tracking, and intelligent evidence collection, while continuously learning and optimizing through a closed-loop data system to make every operation smarter and more efficient.



Air-Ground Collaboration

The next-generation Autel OmniLink transmission system enables deep interconnection among up to 32 nodes—including UAVs, unmanned vehicles, and remote controllers—while maintaining high-bandwidth, low-latency, and stable communication even in complex environments. This empowers the EVO III Series to support multi-vehicle mission execution, real-time information sharing, and intelligent obstacle avoidance, building an integrated cross-domain intelligent network that significantly enhances operational efficiency and collaborative reliability.



Multi-Environment Autonomy

The EVO III Series can execute precise navigation, autonomous obstacle avoidance, and real-time route planning in complex environments—including night, low-light, or non-GNSS conditions. Its payloads can clearly identify targets and collect evidence even in near-dark conditions.



Autel OmniLink Video Transmission

The EVO III Series features the next-generation Autel OmniLink transmission system. It delivers high-bandwidth performance and supports simultaneous multi-channel HD video streaming, enabling clear, detailed, and real-time imagery. The system automatically selects the optimal communication link and leverages 4G-enhanced transmission to extend coverage and ensure stable connections.

Multi-Environment Payloads

Fusion 4T Pro



- **Zoom Camera:** 11x optical zoom / 176x digital zoom
- **Wide-Angle Camera:** 50 MP, f/1.85
- **Thermal Camera:** 640×512 (up to 1280×1024 via super-resolution), 13 mm focal length
- **Laser Rangefinder:** 2 km measuring range
- **IR Fill Light:** 8° FOV, 200 m illumination range



Fusion 4N Pro

- **Telephoto Night Vision Camera:** 8 MP, f/1.75, ISO: 100-100000
- **Wide-Angle Night Vision Camera:** 2.3 MP, f/1.4, ISO: 100-440000
- **Thermal Camera:** 640×512 (up to 1280×1024 via super-resolution), 25 mm focal length
- **Laser Rangefinder:** 2 km measuring range
- **IR Fill Light:** 8° FOV, 200 m illumination range



Fusion 3M Pro

- **Zoom Camera:** 10x optical zoom / 160x digital zoom
- **Wide-Angle Camera:** 50 MP, f/2.6-11
- **Thermal Camera:** 640×512 (up to 1280×1024 via super-resolution), 9.1 mm focal length
- **LED Fill Light:** 120° FOV, 6 m illumination range

A New Method to Fly



Applications



Public Security Patrol



Law Enforcement



Area Security



Traffic Enforcement



Powerline Inspection



Oil & Gas Infrastructure Inspection

Specifications

Dimension (L×W×H)	649 × 568 × 160 mm (arms unfolded, propellers included) 276 × 127 × 131 mm (arms folded, propellers included)	Service Ceiling Above Sea Level	5000 m
Weight (incl. battery, gimbal & propellers)	EVO III 4T Pro: 1499 g; EVO III 4N Pro: 1580 g EVO III 3M Pro: 1535 g	IP Rating	IP43
Max. Flight Distance	33 km	Operating Temperature	-20°C to +50°C
Max. Flight Time	50 min	Max. Video Transmission Distance	25 km
Max. Horizontal Flight Speed	25 m/s	Operating Frequency	900M / 1.4G / 2.4G / 5.2G / 5.8G
		GNSS	GPS + GLONASS + Galileo + BDS

* Note: This product is currently in the pre-release optimization phase. The specifications, design, and performance metrics shown here are preliminary and for reference only. Final delivered product parameters may differ from those currently listed and are subject to change without notice. The final mass-production/delivered version shall prevail.