

Autel EVO III Series

The EVO III Series features integrated AI Agents that fuses 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 & more efficient.



AI Agents
for Drones



Multimodal
Interaction



24/7 Autonomous
Flight



Autel OmniLink Video
Transmission



Superior
Anti-Interference



Omnidirectional Smart
Obstacle Avoidance



35-km
Video Transmission



48-min
Flight Time





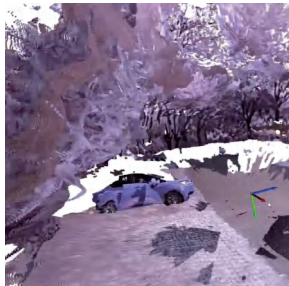
AI Agents for Drones

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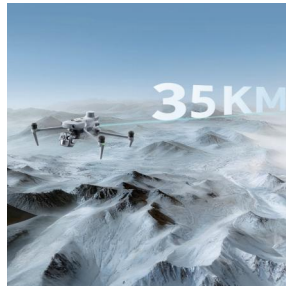
Air-Ground Collaboration

The next-generation Autel OmniLink video transmission system, enabling deep interconnection of up to 16 nodes—while maintaining high-bandwidth, low-latency, and stable communication even in complex environments. This enables the EVO III Series to support multi-UAVs 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 low-light or GNSS-Denied conditions. Through the light fusion smart sensing system, EVO III can identify targets and collect evidence even in near-dark conditions.



Autel OmniLink Video Transmission

The Autel OmniLink video transmission system delivers high-bandwidth performance and supports simultaneous multi-channel HD video streaming for clear, detailed, and real-time imagery. The system automatically selects the optimal link and leverages 4G-enhanced transmission for extended coverage and 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

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)
Weight (incl. battery, gimbal & propellers)	EVO III 4T Pro: 1499 g EVO III 4N Pro: 1580 g
Max. Flight Distance	33 km
Max. Flight Time	48 min
Max. Horizontal Flight Speed	23 m/s

Service Ceiling Above Sea Level	5000 m
IP Rating	IP43
Operating Temperature	-20°C to +50°C
Max. Video Transmission Distance	35 km (@Autel AGX Station) 25 km (@Autel Smart Controller V3)
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.