

dji MATRICE 4T

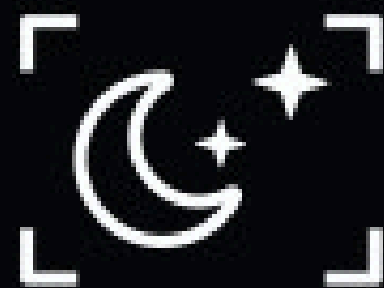
The Age of Intelligent Flight



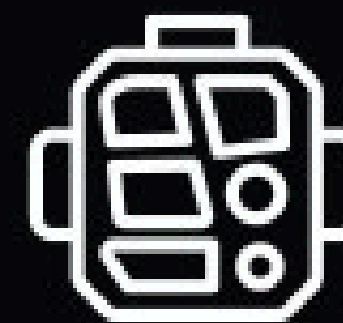
HIGHLIGHTS



Intelligent Operation
Functions



Excels in Low-Light
Environments



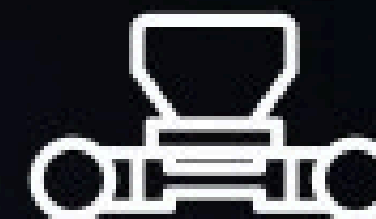
Clear Vision and
Stable Images



High-Efficiency
Precision Mapping



Enhanced Flight
Safety



Comprehensive
Accessory Upgrades

Wide-Angle Camera

1/1.3" CMOS, 48MP Effective Pixels, f/1.7, Format Equivalent: 24 mm

Laser Range Finder

Measurement Range: 1800 m (1 Hz); Oblique Incidence Range (1:5 Oblique Distance): 600 m (1 Hz) Blind Zone: 1 m; Range Accuracy (m): $\pm (0.2 + 0.0015 \times D)$

Medium Tele Camera

1/1.3" CMOS, 48MP Effective Pixels, f/2.8, Format Equivalent: 70 mm

Infrared Thermal Camera

Resolution 640×512 , f/1.0, Equivalent Focal Length: 53 mm, Uncooled VOx Microbolometer, Supports High-Res Mode

Tele Camera

1/1.5" CMOS, 48MP Effective Pixels, f/2.8, Format Equivalent: 168 mm

NIR Auxiliary Light

FOV: 6°, Illumination Distance: 100 m



Intelligent Operations

The built-in model can detect vehicles, vessels, and subjects during search and rescue operations or routine flights. It also supports switching to other models, enabling the expansion of application scenarios. Additionally, it supports high-res grid photos and features powerful tracking capabilities.

Excel In Low-Light Environments

The Matrice 4T supports infrared High-Res Mode, with image resolutions up to 1280×1024 . It also offers Ultra-High Resolution, revealing small temperature details for various operations. Each device undergoes temperature accuracy calibration and utilizes an onboard temperature sensor to provide real-time temperature measurements.



Crystal Clear Vision: Unveil the Details

Capture Every Detail at A Distance

Enhanced Medium Telephoto

The Matrice 4 series is equipped with a medium tele camera, expanding its capabilities for medium-range inspection tasks.

During power line or bridge inspections, it can detect screws and cracks from a distance of 10 meters and clearly read instrument data at substations.



Super Resolution Telephoto

The tele camera of the Matrice 4 series has significantly improved clarity, featuring 48 MP resolution, capable of capturing incredibly details from signs up to 250 meters away. [7] Additionally, the Matrice 4T is equipped with an IR-Cut Filter, ensuring 24/7 operations.



Foreground Stabilization for Telephoto Imagery

The upgraded telephoto stabilization makes foreground subjects stable and clear during telephoto shooting at 10x zoom or higher. In scenarios such as public safety and inspections, subject details are clearly visible.



Precision Mapping, Time-Saving and Effortless

Rapid 0.5-Second Interval Shooting

The Matrice 4E wide-angle camera supports rapid 0.5-second interval shooting in both orthophoto and oblique photography modes, enabling high-speed aerial surveying from multiple angles. Additionally, the mapping flight speed can reach up to 21 meters per second, [8] significantly enhancing work efficiency.



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