Intelligent Operation Functions

- Vehicle/Boat Detection and Statistics
- Supports Custom Subject Detection Models
- Real-Time Laser Annotation/ Measurement/Sharing
- Real-Time Recording of Observed Areas
- FlyTo/POI/Smart Track/Cruise Features

Excels in Low-Light Environments

- Night Scene Mode
- Smart Low-Light Photo
- NIR Illumination
- Thermal Imaging
- High-Definition Low-Light Fisheye Omnidirectional Sensing

Clear Vision and Stable Images

- Medium Tele Camera, Detects Screws and Cracks From 10 Meters Away
- Tele Camera, Detects License Plates From 250 Meters Away
- Foreground Stabilization for Stable Telephoto Imagery
- One-Tap Dehazing

High-Efficiency Precision Mapping

- 0.5-Second Timed Photography
- 5-Directional Oblique Capture and 3-Directional Ortho Capture
- Smart 3D Capture/Geometric Route/ Slope Route
- DJI Terra Distortion Correction 2.0

Enhanced Flight Safety

- GNSS+Vision Fusion Positioning and Navigation System
- Automatic Obstacle Data Acquisition
- 5-Directional Vision Assist View
- 25km O4 Video Transmission, Strong Anti-Interference
- 4G Enhanced Transmission for More Stable Signals

Comprehensive Accessory Upgrades

- Gimbal-Following Spotlight
- Real-Time Voice Speaker
- Integrated Broadcasting and Lighting
- D-RTK 3 Multifunctional Station
- DJI RC Plus 2 Enterprise

* The data was collected in a controlled environment. Actual experience may vary. For details, refer to the product page on the official DJI website.
** Some accessories are sold separately. For usage conditions and precautions regarding certain features, refer to the product page on the official DJI website.

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DJI ENTERPRISE

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DJI MATRICE 4 SERIES

The Age of Intelligent Flight

Lightweight and highly efficient, the DJI Matrice 4 Series represents DJI's latest generation of flagship intelligent multi-sensor compact drones. This series includes two models: Matrice 4T and Matrice 4E. Both models are equipped with advanced features such as intelligent detection and laser annotation/measurement. They boast significantly enhanced imaging capabilities and a more secure and reliable flight system, with a comprehensive upgrade in accessories. The Matrice 4T excels in various scenarios such as emergency response, firefighting, inspections, water conservation, and forestry. Meanwhile, the Matrice 4E is tailored for high-efficiency, high-precision professional mapping. Together, they herald a new era of intelligent aerial operations.

DJI CARE ENTERPRISE PLUS

Free Repairs Within Coverage Limit, Water Damage Coverage, Free Two-Way Shipping, Flyaway Coverage

2024/12/31 20:50

Drones

Takeoff Weight (with propellers)[1]	1219 g
Takeoff Weight (with Low-Noise propellers)[1]	1229 g
Max Takeoff Weight	Standard Propellers: 1420 g Low-Noise Propellers: 1430 g
Dimensions (Folded)	260.6×113.7×138.4 mm (L×W×H) Maximum dimensions excluding propellers.
Dimensions (Unfolded)	307.0×387.5×149.5 mm (L×W×H) Maximum dimensions excluding propellers.
Max Payload	200 g
Max Ascent Speed	10 m/s
Maximum Ascent Speed With Accessories	6 m/s
Max Horizontal Speed (at sea level, no wind)	21 m/s 21 m/s flying forward, 18 m/s flying backward, 19 m/s flying sideways[2]
Max Altitude	6000 m
Max Operating Altitude with Payload	4000 m
Max Flight Time (without wind)	49 min (standard propellers)[3]
Max Flight Distance (no wind)	35 km (standard propellers)
Max Wind Speed Resistance	12 m/s[4]
Operating Temperature	-10°C to 40°C (14°F to 104°F)
GNSS	GPS + Galileo + BeiDou + GLONASS (GLONASS is supported only when the RTK module is enabled)

Payload

Visible Light Camera	
Image Sensor	DJI Matrice 4T Wide: 1/1.3-inch CMOS, Effective Pixels: 48 MP, Equivalent Focal Length: 24 mm Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP, Equivalent Focal Length: 70 mm Telephoto: 1/1.5-inch CMOS, Effective Pixels: 48 MP, Equivalent Focal Length: 168 mm DJI Matrice 4E Wide: 4/3-inch CMOS Effective Pixels: 20 MP, Equivalent Focal Length: 24 mm Medium Tele Camera: 1/1.3-inch CMOS, Effective Pixels: 48 MP, Equivalent Focal Length: 70 mm Telephoto: 1/1.5-inch CMOS, Effective Pixels: 48 MP, Equivalent Focal Length: 168 mm
Minimum Photo Interval	DJI Matrice 4T: 0.7 s DJI Matrice 4E: 0.5 s
Max Video Bitrate	H264 60Mbps H265 60Mbps
Video Format	MP4 (MPEG-4 AVC/H.264)
Digital Zoom	Telephoto:16x (112x hybrid zoom)
NIR Auxiliary Light	
Infrared Illumination	DJI Matrice 4T: FOV: 5.7°±0.3°

Laser Module	
Laser Rangefinding	Measurement Range: 1800 m (1 Hz) Oblique Incidence Range(1:5 Oblique Distance): 600 m (1 Hz) Blind Zone: 3-1 m Distance Measurement Accuracy: 1-3 m: System Error <0.3 m, Random Error <0.1 meters @1o Other Distances: ±(0.2+0.0015D) (Target Distance in meters)
Infrared Thermal Camera	
Resolution	DJI Matrice 4T: 640 × 512
Frame Rate	DJI Matrice 4T: 30 Hz
Sensitivity	DJI Matrice 4T: ≤50mK@F1.0
Temperature Measurement Method	DJI Matrice 4T: Spot Meter, Area Measurement
Temperature Measurement Range	DJI Matrice 4T: High Gain Mode: -20°C to 150°C (-4°F to 302°F) Low Gain Mode: 0°C to 550°C (32°F to 1022°F)
Video Resolution	DJI Matrice 4T:1280 × 1024@30fps (Super Resolution enabled, Night Mode not activated) Other conditions: 640 × 512@30fps
Video Format	DJI Matrice 4T: MP4
Still Photography Modes	DJI Matrice 4T: Single: 1280 × 1024/640 × 512 Interval: 1280 × 1024/640 × 512 JPEG: 0.7/1/2/3/5/7/10/15/20/30/60 s
Photo Resolution	DJI Matrice 4T: Infrared: 1280 × 1024 (Super Resolution on) 640 × 512 (Super Resolution off)
Digital Zoom	DJI Matrice 4T: 28x
Infrared Temperature Measurement Accuracy	DJI Matrice 4T: High Gain: ±2°C or ±2%, whichever is greater DJI Matrice 4T: Low Gain: ±5°C or ±3%, whichever is greater

Video Transmission & Intelligent Flight Battery

Video Transmission	
Video Transmission System	O4 Enterprise
Live View Quality	Remote Controller: 1080p/30fps
Operating Frequency	2.400-2.4835 GHz 5.725-5.850 GHz 5.150-5.250 GHz (CE)
Max Transmission Distance (with interference)[5]	Strong Interference - City Centers (approx. 1.5-5 km) Medium Interference - Suburban Areas (approx. 5-15 km) Micro interference: Suburbs/Seasides (approx. 15-25 km)
Max Download Speed [6]	20 MB/s
Latency (depending on environmental conditions and mobile device)[7]	130 ms
Antenna	8 antennas, 2T4R
Others	Cellular Dongle Compartment
Intelligent Flight Battery	
Capacity	6741 mAh
Max Charging Voltage	17.0 V
Weight	401 g
Recharging Temperature	5°C to 40°C (41°F to 104°F)
Supports low-temperature charging	Not supported
Cycle Count	200

DJI RC Plus 2 Enterprise

DJI RC Plus 2 Enterprise	
Operating Band of Image Transmission	2.4000-2.4835 GHz 5.725 - 5.850 GHz (Japan, Russia, and Ukraine do not support this frequency band) 5.1G receive only (open in Europe and America)
Antenna	2T4R, built-in multi-beam high-gain antenna
Video Transmission Transmitter Power (EIRP)	2.4 GHz: <33 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.1 GHz: <23 dBm (CE) 5.8 GHz: <33 dBm (FCC), <14 dBm (CE), <30 dBm (SRRC)
4G Transmission	DJI Cellular Dongle 2
Wi-Fi Transmitter Power (EIRP)	2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/ MIC) 5.1 GHz: <23 dBm (FCC) 5.8 GHz <23 dBm (FCC/SRRC), <14 dBm (CE)
Bluetooth Protocol	Bluetooth 5.2
Bluetooth Operating Frequency	2.400-2.4835 GHz
Screen Resolution	1920 × 1200
Screen Size	7.02 inches
Screen Frame Rate	60 fps
Brightness	1400 nits
Storage Capacity	ROM 128 G + expandable storage via microSD card
Charging Time	2 hrs for internal battery or internal and external battery. (When remote controller is powered off and using a standard DJI charger)
Internal Battery Runtime	3.8 hrs

RTK Base Station

D-RTK 3 Multifunctional Station	
GNSS Frequency	GPS: L1C/A, L2C, L5 BDS: B1I, B2I, B3I, B1C, B2a, B2b GALILEO: E1, E5a, E5b, E6 GLONASS: L1, L2 QZSS: L1C/A, L2C, L5 L-Band
System Accuracy*	Rover Station Mode RTK Accuracy (Fixed Survey): Horizontal: 0.8 cm (RMS) + 1 ppm Vertical: 1.5 cm (RMS) + 1 ppm RTK Accuracy (Tilt Survey)**: Angle Range: 0° to 60° Horizontal: 8 mm + 0.7 mm/° tilt (accuracy <2 cm within 30°) * Measurement accuracy depends on various factors. This value is obtained under normal conditions with an unobstructed view, good satellite distribution, low ionospheric activity, and no electromagnetic interference or multipath effects. ** Intense vibrations and rapid rotations can affect the accuracy of the inertial measurement unit.
Max Transmission Distance in Relay Station Mode (unobstructed, free of interference)	FCC Between the aircraft and the relay station: 25 km Between the relay station and the remote controller: 1 km SRRC Between the aircraft and the relay station: 12 km Between the relay station and the remote controller: 1 km CE Between the aircraft and the relay station: 10 km Between the relay station and the remote controller: 300 m
Protection Rating	IP67* * Please make sure all rubber plug interfaces on the body are properly installed.
Dimensions	163 mm × 89 mm (without OcuSync Directional Antennas)
Weight	Approx. 1.26 kg (2.78 lbs)

AL1 Spotlight

AL1 Spotlight	
Weight	99 g (including bracket) Approx. 91 g (excluding bracket)
Dimensions	95×164×30 mm (L×W×H,including bracket) 79×164×28 mm (L×W×H, without bracket)
Max. Power	32 W
Illuminance[8]	4.3±0.2 lux @ 100 meters, 17±0.2 lux @ 50 meters
Effective Illumination Angle	23° (10% relative illumination)
Effective Illumination Area	1,300 square meters @ 100 meters (10% relative illumination, Normal Mode) 2,200 square meters @ 100 meters (10% central illuminance, Wide fov Mode)
Operating Mode	Supports always-on and strobe modes.
Gimbal Structural Design Range	Tilt: -140° to 50°
Controllable Range:	Tilt: -90° to 35°
Max Control Speed (tilt)	120°/s
Gimbal Alignment Accuracy	±0.1°
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Mounting	Quick-release hand-tightened screws

(1) The standard weight of the aircraft (including the battery, propellers, and a microSD card). The actual product weight may vary due to differences in batch materials and external factors.
(2) No faster than 19m/s with Sport mode in EU regions.
(3) Measured with the aircraft flying at approximately 8 m/s without payloads in a windless environment until the battery level reached 0%. Data is for reference only. Actual usage time may vary depending on the flight mode, accessories, and environment. Please pay attention to reminders in the app.
(4) Max wind speed resistance during takeoff and landing.
(5) Data is tested under FCC standards in unobstructed environments of typical interference. Only to serve as a reference and provides no guarantee as to the actual flight distance.

AS1 Speaker

AS1 Speaker	
Weight	92.5 g (including bracket) Approx. 90 g (excluding bracket)
Dimensions	73×70×52 mm (L×W×H,including bracket) 73×70×47 mm (L×W×H, without bracket)
Max. Power	15 W
Max. Volume [9]	At 1 meter, it can reach 114 decibels (114dB@1m).
Effective Broadcast Distance [9]	300 m
Broadcast Mode	Real-time broadcasting (supports echo suppression[10]), recorded broadcasting, media import (supports simultaneous transmission and playback), text-to-speech [11]
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Mounting	Quick-release hand-tightened screws

(6) The above data was measured under conditions where the aircraft and remote controller were in close proximity without interference.
(7) Under near-field interference-free conditions, the Latency performance when shooting with a 1x lens.
(8) The data was measured in a laboratory environment with the spotlight installed separately on the aircraft at an ambient temperature of 25°C.
(9) Data measured in a laboratory environment at 25°C . Actual conditions may vary slightly due to software version, audio source, specific environment, and other factors. The final effect is subject to actual use.
(10) Need to upgrade to the latest firmware.
(11) Currently only supports Chinese and English.