

Product Catalog





About DJI Enterprise

Driven by a relentless pursuit of innovation, DJI has revolutionized the way people create and is now ushering in a new generation of work by helping people understand and adopt drone technology. Thus, came DJI Enterprise – a global team dedicated to fostering an ecosystem for businesses to empower individuals, enhance jobs and digitize operations. DJI's drone technology and the DJI platform provide a new way for the surveying and mapping industry to optimize project management, streamline workflows, and minimize risks.

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Drone Platforms



MATRICE 350 RTK

An upgraded flagship drone platform, the Matrice 350 RTK sets a new benchmark for the industry. This next-generation drone platform features an all-new video transmission system and control experience, a more efficient battery system, and more comprehensive safety features, as well as robust payload and expansion capabilities. It is fully powered to inject innovative strength into any aerial operation.

55-Min Max Flight Time^[1]

400 Battery Cycles^[3]

IP55

IP55 Rating^[2]

6-Directional Sensing & Positioning

DJI O3 Enterprise Transmission

Night-Vision FPV Camera

DJI RC Plus

Multi-Payload Support

Specs

Dimensions (unfolded, without propellers)	810×670×430 mm (L×W×H)	Max Flight Time	55 minutes
Dimensions (folded, with propellers)	430×420×430 mm (L×W×H)	Supported DJI Gimbals	Zenmuse H20, Zenmuse H20T, Zenmuse H20N, Zenmuse P1, and Zenmuse L1
Diagonal Wheelbase	895 mm	Supported Gimbal Configurations	Single downward gimbal Single upward gimbal Dual downward gimbals Single downward gimbal + single upward gimbal Dual downward gimbals + single upward gimbal
Max Takeoff Weight	9.2 kg	Ingress Protection Rating	IP55
Max Ascent/Descent Speed (vertical)	6 m/s, 5 m/s	Global Navigation Satellite System	GPS + GLONASS + BeiDou + Galileo
Max Tilted Descent Speed	7 m/s	Operating Temperature	-20° to 50° C (-4° to 122° F)
Max Flight Altitude	5000 m ^[4] 7000 m ^[5]		
Max Wind Speed Resistance	12 m/s		

[1] Measured with Matrice 350 RTK flying at approximately 8 m/s without payloads in a windless environment until the battery level reached 0%. Data is for reference only. Please pay attention to reminders in the app for the actual usage time.

[2] Measured in a controlled environment. The IP rating is not permanently effective and may decrease due to product wear and tear.

[3] Up to 400 cycles if the accumulative duration of battery level ≥ 90% is less than 120 days within 12 months.

[4] When using the 2110s propellers and with the takeoff weight ≤ 7.4 kg.

[5] When using the 2112 High-Altitude Low-Noise Propellers and with the takeoff weight ≤ 7.2 kg.



MATRICE 30 SERIES

The power of a Matrice in a compact, portable airframe. Carry in a backpack and deploy in moments, the M30 series offers flagship level performance, weather resistance, and payload camera quality so you can have aerial awareness where you need it, when you need it.



Lightweight and Portable



41-min Max Flight Time



IP55
Environmental Adaptability



Hybrid Payload



Remote Controller Tailored for Enterprise Users



All-new Pilot 2 Flight App



Ground-to-Cloud Synergy



Remote Drone Operations Solution

Specs

Diagonal Distance	470×585×215 mm (L×W×H)	Max Wind Resistance	15 m/s (12 m/s during takeoff and landing)
Weight	3770 ± 10 g	Ingress Protection Rating	IP55
Max Flight Time	41 min	GNSS	GPS+Galileo+BeiDou+GLONASS (GLONASS is supported only when RTK module is enabled)
Max Ascent/Descent Speed	6 m/s, 5 m/s	Operating Temperature	-20° to 50° C (-4° to 122° F)
Max Tilt Descent Speed	7 m/s	TB30 Intelligent Flight Battery	5880 mAh
Max Horizontal Speed	23 m/s	Supported Remote Controller	DJI RC Plus
Max Service Ceiling Above Sea Level (without other payload)	5,000 m (with 1671 propellers) 7,000 m (with 1676 propellers)		



DJI MAVIC 3 ENTERPRISE SERIES

The Mavic 3 Enterprise Series redefines industry standards for small commercial drones. With a mechanical shutter, a 56× zoom camera, and an RTK module for centimeter-level precision, the Mavic 3E brings mapping and mission efficiency to new heights. A thermal version is available for firefighting, search and rescue, inspection, and night operations.



Compact and Portable



4/3 CMOS Wide Camera ^[1]



56× Hybrid Zoom



640 × 512 px Thermal Camera ^[2]



45-min Max Flight Time ^[3]



DJI O3 Enterprise Transmission



Centimeter-level Positioning with RTK ^[4]



High-Volume Loudspeaker ^[4]

Specs

Weight (with propellers, without accessories) ^[1]	DJI Mavic 3E: 915 g DJI Mavic 3T: 920 g	Max Flight Time (no wind)	45 mins
Max Takeoff Weight	DJI Mavic 3E: 1,050 g DJI Mavic 3T: 1,050 g	Max Hover Time (no wind)	38 mins
Dimensions	Folded (without propellers): 221×96.3×90.3 mm (L×W×H) Unfolded (without propellers): 347.5×283×107.7 mm (L×W×H)	Max Tilt Angle	30° (Normal Mode) 35° (Sport Mode)
Diagonal Distance	380.1 mm	Max Angular Velocity	200°/s
Max Ascent Speed	6 m/s (Normal Mode) 8 m/s (Sport Mode)	GNSS	GPS+Galileo+BeiDou+GLONASS (GLONASS is supported only when the RTK module is enabled)
Max Descent Speed	6 m/s (Normal Mode) 6 m/s (Sport Mode)	Hovering Accuracy	Vertical: ±0.1 m (with Vision System); ±0.5 m (with GNSS); ±0.1 m (with RTK) Horizontal: ±0.3 m (with Vision System); ±0.5 m (with High-Precision Positioning System); ±0.1 m (with RTK)
Max Flight Speed (at sea level, no wind)	15 m/s (Normal Mode) Forward: 21 m/s, Side: 20 m/s, Backward: 19 m/s (Sport Mode)	Operating Temperature Range	-10° to 40° C (14° to 104° F)
Max Wind Speed Resistance	12 m/s	Internal Storage	N/A
Max Take-off Altitude Above Sea Level	6000 m (without payload)	Motor Model	2008
		Propeller Model	9453F Propellers for Enterprise
		Beacon	Built into the aircraft

[1] Available for Mavic 3E only.
[2] Available for Mavic 3T only.
[3] Measured at 32.4 kph uniform speed at sea level in a windless environment. For reference only. Please pay attention to the DJI Pilot 2 App for return flight tips when actually flying.
[4] Accessories sold separately.

DJI MAVIC 3M

Effective aerial surveying needs to see the invisible. That's why Mavic 3 Multispectral has two forms of sight. It combines an RGB camera with a multispectral camera to scan and analyze crop growth with total clarity. Agricultural production management requires precision and data, and Mavic 3M delivers both.



Compact and portable
Foldable for easy storage



Multispectral Camera
4 × 5MP
G/R/RE/NIR



RGB camera
20 MP
4/3 CMOS,
mechanical shutter



Safe and stable
Omnidirectional
Obstacle
Avoidance^[1]
15km Transmission
Distance^[2]



Precise positioning
Centimeter-level
RTK positioning
Microsecond-level time
synchronization



Efficient aerial surveying
Up to 200 hectares
per flight^[3]

[1] DO NOT fly in severe weather conditions, such as in strong winds (wind speeds of 12 m/s or more), snow, rain, or lightning. DO NOT fly in areas that are 6,000 meters or higher above sea level. DO NOT fly the aircraft in environments where the temperature is below -10° C (14° F) or above 40° C (104° F). DO NOT take off from moving objects, such as cars and ships. DO NOT fly close to reflective surfaces, such as water or snow. Otherwise, the vision positioning system may not work properly. When the GNSS signal is weak, fly the aircraft in environments with good lighting and visibility. The vision system may not work properly in poor light conditions. Be aware of flight safety when flying near sources of electromagnetic interference. Common sources of electromagnetic interference include high-voltage power lines, high-voltage transmission stations, radar stations, cell phone base stations, broadcast towers, Wi-Fi hotspots, routers, and Bluetooth devices.

[2] The 15km transmission distance can only be achieved under the FCC standard when measured in an outdoor environment without interference. The SRRC standard is adopted in mainland China, and the furthest transmission distance is 8 km. The above data are the furthest communication distances for one-way, non-return flights under each standard. Please pay attention to return prompts in the DJI Pilot 2 app during flight.

[3] Specific test conditions: In a sunny environment without wind, the orthographic flight aerial photography is obtained with a flight speed of 15 m/s, a flight altitude of 217 m, a ground sampling distance (GSD) of 5.73 cm for visible and 10 cm for multispectral, a fore-and-aft overlap rate of 70%, and a side overlap rate of 60%.

Specs

Aircraft	
Net Weight (with propellers and RTK module) ^[1]	951 g
Max Takeoff Weight	1,050 g
Dimensions (Folded/Unfolded)	Folded (without propllers): 223×96.3×122.2 mm (Length×Width×Height) Unfolded (without propellers): 347.5×283×139.6 mm (Length×Width×Height)
Diagonal Length	Diagonal: 380.1 mm
Max Wind Speed Resistance	12 m/s ^[2]
Max Take-off Altitude Above Sea Level	6000 m (without a payload)
Max Flight Time (without wind)	43 minutes ^[3]
Max Hover Time (without wind)	37 minutes ^[3]
Max Flight Distance	32 km ^[4]
Multispectral Camera	
Image Sensor	1/2.8-inch CMOS, effective pixels: 5 MP
Lens	FOV: 73.91° (61.2° x 48.10°) Equivalent focal length: 25 mm Aperture: f/2.0 Focus: Fixed Focus
Multispectral Camera Band	Green (G): 560 ± 16 nm; Red (R): 650 ± 16 nm; Red Edge (RE): 730 ± 16 nm; Near infrared (NIR): 860 ± 26 nm;
Gain Range	1x-32x
Shutter Speed	Electronic Shutter: 1/30~1/12800 s
Max Image Size	2592×1944
RGB Camera	
Image Sensor	4/3 CMOS Effective Pixels: 20 MP
Lens	FOV: 84° Equivalent focal length: 24 mm Aperture: f/2.8 to f/11 Focus: 1 m to ∞
ISO Range	100-6400
Shutter speed	Electronic shutter: 8-1/8000 s Mechanical shutter: 8-1/2000 s
Max Image Size	5280×3956

[1] Standard weight of the aircraft (including battery, propellers, and microSD card). The actual product weight may vary due to differences in batch materials and external factors. Use for reference only.

[2] Max wind resistance during takeoff and landing.

[3] Data measured using the DJI Mavic 3M in a wind-free environment while flying at sea level at a constant speed of 36 kph until there was 0% power remaining. For reference only. Please pay attention to Return to Home prompts in the DJI Pilot 2 app when flying.

[4] Data measured using the DJI Mavic 3M in a wind-free environment while flying at sea level at 57.6 kph until there was 0% power remaining. For reference only. Please pay attention to Return to Home prompts in the DJI Pilot 2 app when flying.

Remote Drone Operation Solution



DJI DOCK 2

The more capable yet noticeably smaller DJI Dock 2 deploys Matrice 3D or 3TD drones with ease and security. Dock 2 is lightweight, offers high-level operation capabilities, and has cloud-based intelligent functions that bring efficiency and quality to unattended operations.

Lightweight and Easy to Deploy

IP55

IP55 Ingress Protection^[1]

10km Max Effective Operating Radius^[2]

Integrated Environmental Monitoring System

Private Deployment

Cloud-Based Modeling

FlyTo Tasks

Third-Party Payload Support^[3]

Specs

Total Weight	34 kg (without aircraft)	Max Allowable Landing Wind Speed	8 m/s
Dimensions	Dock Cover Opened: 1228×583×412 mm (L×W×H) Dock Cover Closed: 570×583×465 mm (L×W×H)	Max Operating Altitude	4000 m
Input Voltage	100-240 V (AC), 50/60 Hz	Max Operating Radius	10 km
Max Input Power	Max 1000 W	Receiving Frequency of RTK Base Station Satellite	Simultaneously receive: GPS: L1 C/A, L2 BeiDou2: B1I, B2I, B3I BeiDou3: B1I, B3I GLONASS: L1, L2 Galileo: E1, E5B
Operating Temperature	-25° to 45° C (-13° to 113° F)	Positioning Accuracy of RTK Base Station	Horizontal: 1 cm + 1 ppm (RMS) Vertical: 2 cm + 1 ppm (RMS)
Ingress Protection Rating	IP55		
Number of Drones Accommodated	1		

The all-new DJI Matrice 3D/3TD is specifically designed for DJI Dock 2. Matrice 3D is equipped with both a tele camera and a wide-angle camera with a mechanical shutter, meeting the needs for 1:500 high-precision mapping tasks. Matrice 3TD, outfitted with a wide-angle camera, a tele camera, and an infrared camera, can depict both visible light and thermal images, making it suitable for security and inspection operations.



DJI Matrice 3D



DJI Matrice 3TD

Specs

Wide-Angle Camera	4/3 CMOS 24mm Format Equivalent 20MP Effective Pixels Mechanical Shutter	Wide-Angle Camera	1/1.32-inch CMOS 24mm Format Equivalent 48MP Effective Pixels
Tele Camera	1/2-inch CMOS 162mm Format Equivalent 12MP Effective Pixels	Tele Camera	1/2-inch CMOS 162mm Format Equivalent 12MP Effective Pixels
		Infrared Camera	40mm Format Equivalent Normal Mode: 640×512@30fps UHR Infrared Image Mode: 1280×1024@30fps (With the UHR Infrared Image function enabled, the aircraft automatically enables or disables UHR Infrared Image mode according to the ambient light brightness.) 28x Digital Zoom

[1] DJI Dock 2 is IP55 rated, and DJI Matrice 3D/3TD is IP54 rated. Both are tested under controlled laboratory conditions. The IP rating is not permanently effective and may decrease due to product wear and tear. For details, refer to the User Manual.

[2] Measured in an environment of approximately 25°C (77°F) with a reserve battery level of 25%, ambient wind speed of approximately 4 m/s, round-trip flight speed of approximately 15 m/s, and hovering operation of 10 minutes. This value is for reference only, and the actual operation data may vary.

[3] Sold separately.

Payloads



ZENMUSE H20N

This multi-sensor starlight night vision payload is built specifically for low-light missions. Starlight sensors built into the zoom and wide-angle cameras help penetrate the darkness. A dual thermal zoom configuration enables clear resolution of heat sources from afar.

Starlight Night Vision

40x512 Dual Thermal Cameras
2x, 8x Optical Zoom

20x Hybrid Optical Zoom

Laser Rangefinder
1200 m Max Range

Synchronized
Split-screen Zoom

Intelligent Night Scene
Enhancement

IP44 Rating

-20° to 50° Operating
Temperature

Specs

Dimensions	178x135x161 mm	Tele Lens	Focal Length: 44.5 mm (equivalent: approximately 196 mm) DFOV: 12.5°
Weight	878±5 g	Wide lens	Focal Length: 12 mm (equivalent: approximately 53 mm) DFOV: 45.5°
IP Rating	IP44	Laser Range Finder Measuring Range	3-1,200 m (0.5 x 12 m vertical surface with 20% reflectivity)
Laser Safety	Class 1M (IEC 60825-1:2014)	Environment Operating Temperature	-20° to 50° C (-4 to 122°F)
Supported Aircraft	Matrice 300 RTK	Storage Temperature	-20° to 60° C (-4 to 140°F)
Night Vision Zoom Camera Starlight Sensor	1/1.8" CMOS; Effective Pixels: 4 M		
Night Vision Wide CameraStarlight Sensor	1/2.7" CMOS; Effective Pixels: 2 M		
Dual Thermal Camera Thermal Imager	Uncooled VOx Microbolometer		



H20



H20T

ZENMUSE H20 SERIES

Multi-sensor payloads that bring a whole new meaning to mission efficiency. The unique intelligence and integrated design provide unprecedented aerial imaging capabilities for a range of commercial drone applications.

Welcome to DJI's first hybrid sensor solution – the Zenmuse H20 Series.

12 MP Wide Camera
82.9° DFOV

20 MP Zoom Camera
23× Hybrid Optical Zoom

Radiometric Thermal
Camera 640×512 px

Laser Rangefinder
1200 m

IP44 Rating

-20°C to 50°C Operating
Temperature

Active Image Stabilization
and EIS

Night Scene Mode

Specs

Dimensions	167×135×161 mm	Metering Mode	Spot metering, Center-weighted metering
Weight	828±5 g	Temperature Mea- surement Method	Spot Meter, Area Measurement
IP Rating	IP44	Palette	White hot/Fulgurite/Iron Red/Hot Iron/Medical/ Arctic/Rainbow 1/Rainbow 2/Tint/Black Hot
Supported Aircraft	Matrice 300 RTK	Laser Rangefinder Wave length	905 nm
Scene Range (Thermal Camera)	-40 °C to 150 °C (High Gain) -40 °C to 550 °C (Low Gain)		



ZENMUSE L2

Zenmuse L2 integrates frame LiDAR, a self-developed high-accuracy IMU system, and a 4/3 CMOS RGB mapping camera, providing DJI flight platforms with more precise, efficient, and reliable geospatial data acquisition. When used with DJI Terra, it delivers a turnkey solution for 3D data collection and high-accuracy post-processing.

High Precision
Vertical Accuracy: 4 cm;
Horizontal Accuracy: 5 cm^[1]

Exceptional Efficiency
2.5 km² covered in a single flight^[2]

Superior Penetration
Smaller laser spots,
denser point clouds

Detection Range^[3]
250m @10% reflectivity, 100klx
450m @50% reflectivity, 0klx

5 Returns

Turnkey Solution^[4]

Point Cloud LiveView

One-Click Processing
on DJI Terra

Specs

Dimensions	155×128×176 mm (L×W×H)	Detection Range	450m @50% reflectivity, 0 klx 250m @10% reflectivity, 100 klx
Weight	905±5 g	Point Cloud Rate	Single return: max. 240,000 pts/s Multiple returns: max. 1,200,000 pts/s
Power	28 W (typical) / 58 W (max.)	System Accuracy	Horizontal: 5 cm @ 150 m Vertical: 4 cm @ 150 m
IP Rating	IP54	Real-Time Point Cloud Coloring Coding	Reflectivity, Height, Distance, RGB
Supported Aircraft	Matrice 300 RTK (requires DJI RC Plus) Matrice 350 RTK	Ranging Accuracy (RMS 1σ)	2 cm @ 150 m ^[5]
Storage Temperature	-20° to 60° C (-4° to 140° F)		

[1] Measured under the following conditions in a DJI laboratory environment: Zenmuse L2 mounted on a Matrice 350 RTK and powered on. Using DJI Pilot 2's Area Route to plan the flight route (with Calibrate IMU enabled). Using repetitive scanning with the RTK in FIX status. The relative altitude was set to 150 m, flight speed to 15 m/s, gimbal pitch to -90°, and each straight segment of the flight route was less than 1500 m. The field contained objects with obvious angular features, and used exposed hard ground checkpoints that conformed to the diffuse reflection model. DJI Terra was used for post-processing with Optimize Point Cloud Accuracy enabled. Under the same conditions with Optimize Point Cloud Accuracy not enabled, the vertical accuracy is 4 cm and the horizontal accuracy is 8 cm.

[2] Measured with Zenmuse L2 mounted on Matrice 350 RTK with a flight speed of 15 m/s, flight altitude of 150 m, side overlap rate of 20%, Calibrate IMU enabled, Elevation Optimization turned off, and terrain follow turned off.

[3] The data presented are typical values. Measured using a flat subject with a size larger than the laser beam diameter, a perpendicular angle of incidence, and an atmospheric visibility of 23 km. In low-light environments, the laser beams can achieve the optimal detection range. If a laser beam hits more than one subject, the total laser transmitter power is split and the achievable range is reduced. The maximum detection range is 500 m.

[4] After power is turned on, the IMU doesn't require warm-up; however, users must wait for the drone RTK to be in the FIX status before it can fly and work.

[5] Measured in an environment of 25° C (77° F) with a subject of 80% reflectivity at a distance of 150 m. The actual environment may differ from the testing environment. The figure listed is for reference only.



ZENMUSE P1

The Zenmuse P1 integrates a full-frame sensor with interchangeable fixed-focus lenses on a 3-axis stabilized gimbal. Designed for photogrammetry flight missions, it takes efficiency and accuracy to a whole new level.

Accuracy without GCPs 3 cm horizontally / 5 cm vertically^[1]

High Efficiency
3 km² covered in a single flight^[2]

45 MP Full-frame Sensor

3-axis Stabilized Gimbal Smart Oblique Capture

Global Mechanical Shutter^[3] Shutter Speed 1/2000 Seconds

TimeSync 2.0 - synchronization at the microsecond level

Specs

Dimensions	198×166×129 mm	Supported Lenses	DJI DL 24mm F2.8 LS ASPH (with lens hood and balancing ring/filter), FOV 84°
Weight	Approx. 800 g		DJI DL 35mm F2.8 LS ASPH (with lens hood and balancing ring/filter), FOV 63.5°
IP Rating	IP4X		DJI DL 50mm F2.8 LS ASPH (with lens hood and balancing ring/filter), FOV 46.8°
Supported Aircraft	Matrice 300 RTK		
Absolute Accuracy	Horizontal: 3 cm, Vertical: 5 cm ^[4]	Storage Files	Photo / GNSS Raw Observation Data/ Image Log File
Sensor	Sensor size (Still): 35.9×24 mm (Full frame) Sensor size (Max video recording area): 34×19 mm Effective Pixels: 45 MP Pixel size: 4.4 μm	Operation Modes	Photo, Video, Playback

[1] Using Mapping Mission at a GSD of 3 cm, with an 75% front overlap rate and a 55% side overlap rate.

[2] At a GSD of 3 cm, with an 75% front overlap rate and a 55% side overlap rate.

[3] The global shutter is achieved with a central leaf shutter.

[4] Using Mapping Mission at a GSD of 3 cm and flight speed of 15 m/s, with an 75% front overlap rate and a 55% side overlap rate.

Software



DJI TERRA



Mission Planning

Create waypoint, area, oblique, and corridor mission plans to fit your workflow needs. You can also plan a mission using an imported model or save the current flight routes for future missions.

2D Maps

Real-time 2D Mapping

Quickly generate a 2D orthomosaic of the selected area in real-time. Not only is this ideal for creating detailed flight paths in remote areas but it's also useful for time-sensitive missions that require quick decision-making on site.

2D Reconstruction

Generate high resolution orthomosaics, enabling you to get detailed and accurate measurement results for all your critical projects.

2D Multispectral Reconstruction ^[1]

Process multispectral images to generate vegetation indices like NDVI and NDRE, gathering actionable insights that improve crop yields and help manage vegetation.

3D Models

Real-time 3D Point Cloud ^[2]

When efficiency is key, a 3D point cloud of the mapped area can be quickly rendered and visualized based on DJI's advanced algorithm, to display the area and meet the need for accurate measurement.

3D Reconstruction

Get sharp and realistic representations of your surroundings throughout various industrial applications, be it accident reconstruction, tracking progress on major construction projects and more.

[1] Supported aircraft: P4 Multispectral

[2] Feature only available when using the Phantom 4 RTK, Phantom 4 Pro V2.0, and Phantom 4 Pro + V2.0

DJI FLIGHTHUB 2



Comprehensive, Real-time Situational Awareness

FlightHub 2 is an all-in-one cloud-based drone operations management platform that helps you access all the information you need to plan drone missions, supervise your fleet, and manage the data you create.

Mapping

2.5D Base Map ^[1]

Integrate elevation data with satellite maps to bring terrain awareness to your operation planning.

One-Tap Panorama Sync

Create a 360° overview and upload to the cloud with a single tap. Shared panoramas, and the coordinates they were captured from, are placed on your mission's 2.5D Base Map, granting all team members quick aerial awareness.

Cloud Mapping

Generate RGB or infrared orthomosaic maps of areas up to 1.5 km² in a single flight ^[2]. Orthomosaics are automatically overlaid on your 2.5D Base Map, granting you detailed awareness of your mission environment whenever needed.

Route Planning and Mission Management

Create all kinds of flight missions directly from your computer using the 2.5D Base Map. Preview expected results for each mission point, ensuring flight route safety and data quality. Synchronize missions with pilots for efficient and convenient execution.

Live Annotations

Highlight objects or areas of interest for efficient mission management and resource distribution. Annotations are visible to ground teams, pilots, or any team member for timely project alignment and task distribution.

Ground-to-Cloud Synergy

Streamlined Team Communication

Synchronize valuable information such as teams position, drone status, mission details, and more, in real time and across multiple device types, making team collaboration easier than ever.

Media Management

Review operation results in the cloud. Open any captured photo, video, or panorama, and it will be displayed on the 2.5D Base Map along with corresponding coordinate information.

[1] 2.5D Base Map is a 2D map overlaid with elevation data

[2] A RGB Cloud Map of 1.5 km² in a single flight, at a flight altitude of 150 m, and GSD of 23 cm or an infrared Cloud Map of 0.6 km² in a single flight, at a flight altitude of 150 m, and a GSD of 20 cm.

DJI MODIFY



Shaping the World

DJI Modify is DJI's first intelligent 3D model editing software. It is streamlined, intuitive, and efficient. Paired with a DJI Enterprise drone and DJI Terra, it forms a comprehensive solution from aerial surveying, modeling, and model editing to sharing these models easily to meet operational needs in surveying and mapping, firefighting, emergency response, and transportation.

Seamless Workflow^[1]

Open DJI Modify With One Click

In a DJI Terra 3D modeling project, you can launch DJI Modify with one click for an efficient end-to-end workflow.

Auto Generation of Model Editing Files in DJI Terra

Enable automatic DJI Modify file generation in DJI Terra with a single button for 3D model files with pre-identified objects and pre-processing included.

Streamlined Interaction

Simple Operation

Easy-to-use editing tools simplify the model editing process. Quickly import and export model files in ply, obj, and b3dm formats.

Straightforward Interface

Browse and edit high and low-quality models in one interface with synchronized edits.

Floating Parts Removal

Flexible and Powerful

Flexibly select floating parts by framing and clicking. Additionally,

users can group the selection results (using "Add to" or "Subtract from"). These selections do not require loading a high-quality model. Modify can also automatically detect and select the floating parts so you can delete them with one click.

Flattening

Simple Object Selection

Draw a polygon to select a region or group the selection results (using Add to or Subtract from). Flatten selected meshes with a single click without presetting complex parameters.

Texture Repair

Simple and Intuitive

The built-in erase and clone tools allow for swift and high-quality texture editing of automatically or manually selected regions, all with a simple click, significantly improving the efficiency.

Hole Fill

Hole Detection

Automatically and accurately identifies holes in the model, outlining and highlighting the contours to eliminate the need for manual work.

.One-Click Solution

Simplified hole filling with frame select, click select, or custom hole selection. One-click filling with automatic texturing for a seamless blend.

Water Surface Repair

Custom Range and Quick Generation

Draw the water surface region and adjust parameters like range and height as needed. The software applies texture or intelligent color fills to swiftly generate smooth water surfaces that integrate seamlessly with the model.

Cloud Sharing^[2]

Empowered Workflow

Processed models can be quickly shared to the cloud, so others can view them online on the web or mobile devices via shared links, with no need for installing any software.

[1] In a DJI Terra 3D modeling project, you can launch DJI Modify with one click for model editing. DJI Terra also supports the output of a DJI Modify project file for a seamless workflow.

[2] This function will be available in Q2 of 2024. Please stay tuned for relevant updates from DJI.



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