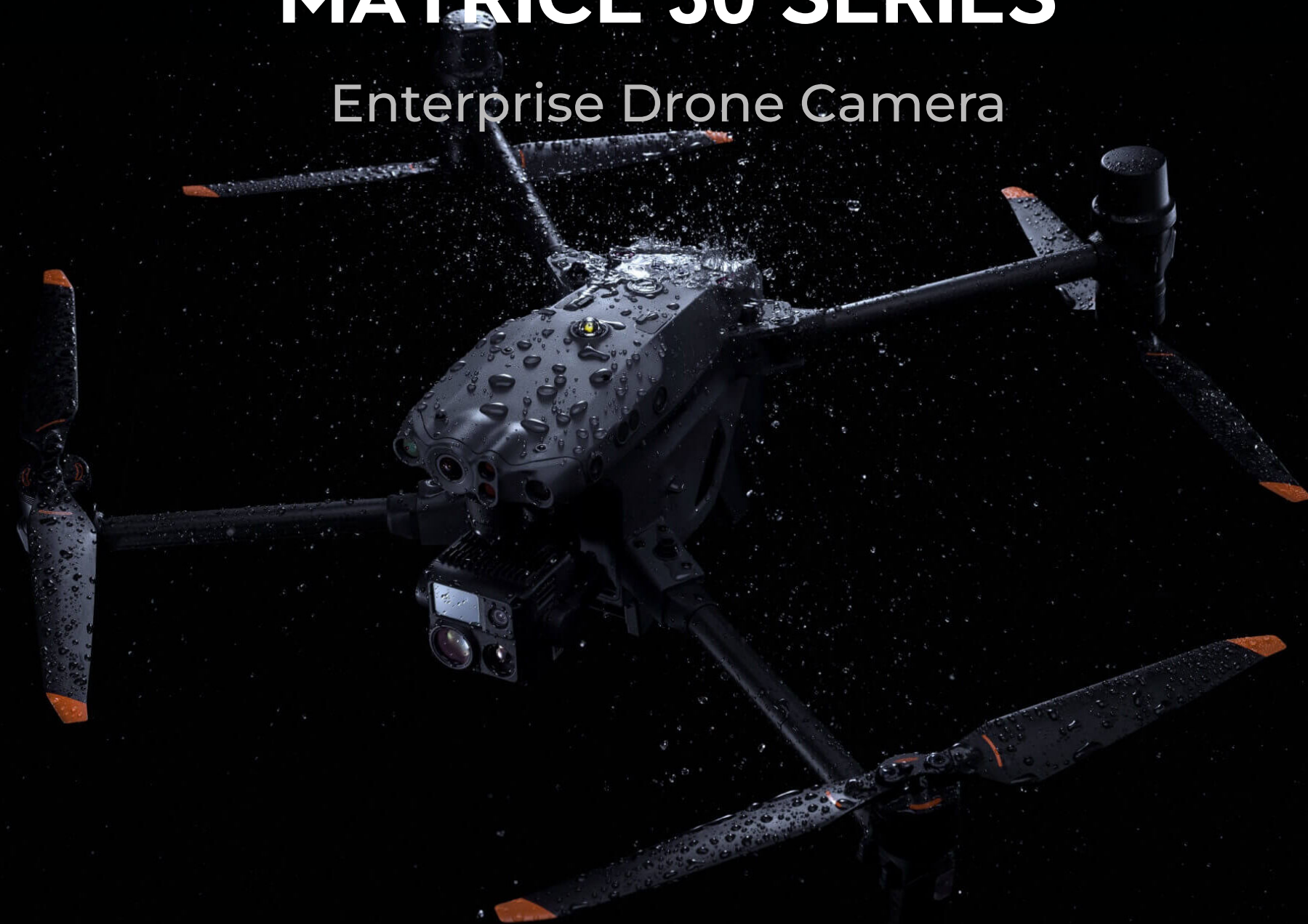




MATRICE 30 SERIES

Enterprise Drone Camera



Power in Portability

New Generation of Commercial Drones

1

Unique aerial intelligence to capture everything

2

Reliable in the harshest of environments

3

Ready, when you are, to overcome the unknown

4

Portable to go wherever you go



Powerful

Flight Performance

A balance of power and portability delivers higher operational efficiency

41-min

Max Flight Time

12 m/s

Wind Resistance

7000 m

Service Ceiling

23 m/s

Max Speed



Environmental

Adaptability

With IP55 protection, the M30 can easily handle adverse weather and temperatures ranging from -20° C to 50° C.



Safe

And Reliable

Dual-vision and ToF sensors appear on all six sides of the aircraft, keeping it and your mission safe. The built-in ADS-B receiver provides timely warnings of any incoming crewed aircraft nearby.



Capture

Everything

The M30 Series integrates wide, zoom, and thermal cameras (M30T only) with a laser rangefinder, which together can capture the aerial data you need, when you need it.

Wide Camera

Equivalent Focal Length: 24 mm, DFOV: 84°
12 MP 1/2" CMOS Sensor
Video Resolution: 4K/30fps

Zoom Camera

48 MP 1/2" CMOS Sensor
5x-16x Optical Zoom
200x Max. Hybrid Zoom
Photo Resolution: 8K
Video Resolution: 4K/30fps

Thermal Imaging Camera

Equivalent Focal Length: 40 mm
Resolution: 640×512
Frame Rate: 30fps
Measurement Accuracy: $\pm 2^{\circ}\text{C}$ or $\pm 2\%$

Laser Rangefinder

Range: 3 m - 1200 m
Accuracy: $\pm(0.2\text{m}+D\times 0.15\%)$



A Revolutionary Flight Control Experience

The 7-inch widescreen DJI RC Plus with dual control mode is tailor-made for Enterprise users

Four Antenna OcuSync 3

Cover more area with stable video transmission and removable dual-antennas.

Extended Battery LifeEnterprise

Internal and external battery configuration powers 6 hours of battery life and enables hot-swapping for seamless, uninterrupted flight operations.



IP54 Protection

Water and dustproof

-20°C to 50°C

Capable in climates both hot and cold

Specifications



Takeoff Weight	4069 g
Dimension	470x585x215 mm
Diagonal Distance	668 mm
Max Ascent Speed	6 m/s
Max Descent Speed	5 m/s
Max Speed	23 m/s
Max Takeoff Altitude	7000 m
Max Flight Time	41 min

Max Hovering Time	36 min
Thermal Imager	Uncooled VOx Microbolometer
Max Wind Speed Resistance	12 m/s
ISO Range	100-25600
Max Image Size	8000x6000
Video Resolution	3840x2160
Lens	FOV: 4.5 mm, Aperture: f/2.8
Sensor	1/2" CMOS, Effective pixels: 12M

In the Box



- Aircraft x1
- DJI RC Plus Remote Controller x1
- 1671 Propeller (CW) x1
- 1671 Propeller (CCW) x1
- USB-C Cable x1
- USB-C to USB-C Cable x1
- Carrying Case x1
- Screws and Tools x1
- BS30 Battery station x1
- TB30 Battery (02) x1



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