

# 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<sup>[1]</sup>

IP55

IP55 Rating<sup>[2]</sup>



DJI O3 Enterprise  
Transmission



DJI RC Plus



400 Battery Cycles<sup>[3]</sup>



6-Directional  
Sensing & Positioning



Night-Vision FPV Camera



Multi-Payload Support

### Specs

Dimensions (unfolded, without propellers)	810×670×430 mm (L×W×H)
Dimensions (folded, with propellers)	430×420×430 mm (L×W×H)
Diagonal Wheelbase	895 mm
Max Takeoff Weight	9.2 kg
Max Ascent/Descent Speed (vertical)	6 m/s, 5 m/s
Max Tilted Descent Speed	7 m/s
Max Flight Altitude	5000 m <sup>[4]</sup> 7000 m <sup>[5]</sup>
Max Wind Speed Resistance	12 m/s

Max Flight Time	55 minutes
Supported DJI Gimbals	Zenmuse H20, Zenmuse H20T, Zenmuse H20N, Zenmuse P1, and Zenmuse L1
Supported Gimbal Configurations	Single downward gimbal Single upward gimbal Dual downward gimbals Single downward gimbal + single upward gimbal Dual downward gimbals + single upward gimbal
Ingress Protection Rating	IP55
Global Navigation Satellite System	GPS + GLONASS + BeiDou + Galileo
Operating Temperature	-20° to 50° C (-4° to 122° F)

[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.