



# DJI MATRICE 30T SPEC SHEET

Category	Specifications
<b>Aircraft Dimensions</b>	Unfolded: 470×585×215 mm (L×W×H) Folded: 365×215×195 mm (L×W×H) Diagonal Wheelbase: 668 mm
<b>Weight (incl. two batteries)</b>	3770 ± 10 g
<b>Max Takeoff Weight</b>	4069 g
<b>Operation Frequency</b>	2.4000-2.4835 GHz; 5.725-5.850 GHz
<b>Hovering Accuracy</b>	Vertical: ±0.1 m (Vision System enabled); Horizontal: ±0.3 m (Vision System enabled)
<b>RTK Positioning Accuracy</b>	1 cm+1 ppm (horizontal); 1.5 cm+1 ppm (vertical)
<b>Max Flight Time</b>	41 min
<b>Gimbal Angular Vibration Range</b>	±0.01°
<b>Zoom Camera Max. Video Resolution</b>	3840×2160
<b>Thermal Camera Resolution</b>	Infrared Image Super-resolution Mode: 1280×1024; Normal Mode: 640×512
<b>FPV Camera Resolution</b>	1920×1080
<b>Laser Module Measurement Range</b>	3-1,200 m (0.5×12 m vertical surface with 20% reflectivity)
<b>Obstacle Sensing Range</b>	Forward: 0.6-38 m; Upward/Downward/ Backward/Sideward: 0.5-33 m
<b>TB30 Intelligent Flight Battery</b>	Capacity: 5880 mAh; Voltage: 26.1 V; Operating Temperature: -20° to 50° C
<b>Remote Controller Screen</b>	7.02 inch LCD touchscreen, resolution: 1920×1200 pixels; Ingress Protection Rating: IP54
<b>O3 Enterprise Max Transmission Distance</b>	15 km (unobstructed, free of interference)
<b>Wi-Fi Protocol</b>	Wi-Fi 6; Operating Frequency: 2.4000-2.4835 GHz; 5.150-5.250 GHz; 5.725-5.850 GHz
<b>BS30 Intelligent Battery Station</b>	Dimensions: 353×267×148 mm; Net Weight: 3.95 kg; Ingress Protection Rating: IP55 (with cover closed)
<b>Max Transmission Distance (unobstructed, free of interference):</b>	15 km (FCC); 8 km (CE/SRRC/MIC)

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