

DJI Matrice 4E: Technical Specifications

Aircraft

- **Takeoff Weight (Standard):** 1219 g
- **Max Takeoff Weight:** 1420 g (Standard) / 1430 g (Low-Noise)
- **Max Flight Time:** 49 minutes (standard propellers, no wind)
- **Max Transmission Range:** 25 km (FCC) / 12 km (CE/SRRC/MIC)
- **Max Wind Speed Resistance:** 12 m/s
- **IP Rating:** No Standard Protection Level
- **Operating Temperature:** -10°C to 40°C

Camera System (DJI Matrice 4E)

- **Wide Camera:** 4/3-inch CMOS, 20 MP, f/2.8-f/11
- **Medium Tele Camera:** 1/1.3-inch CMOS, 48 MP, f/2.8
- **Telephoto Camera:** 1/1.5-inch CMOS, 48 MP, f/2.8
- **Digital Zoom:** 16x optical (112x hybrid zoom)
- **Video Coding:** H.264/H.265 (4K @ 30fps)

Sensing & Transmission

- **Sensing System:** Omnidirectional binocular vision + 3D infrared sensor
- **Transmission System:** O4 Enterprise
- **Latency:** 130 ms

Intelligent Flight Battery

- **Capacity:** 6741 mAh
- **Energy:** 99.5 Wh
- **Weight:** 401 g

Remote Controller (DJI RC Plus 2 Enterprise)

- **Screen Size:** 7.02 inches (1920 × 1200)
- **Brightness:** 1400 nits
- **Internal Battery Runtime:** 3.8 hours
- **Operating Temperature:** -20°C to 50°C
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