



## UBEMANNET LUFTFARTØY

### Dimensions

Length(mm).....: 810  
Equipment Weight - (kg).....: 4  
Lifting/ Transportation.....: Transport box  
Width(mm).....: 670  
Height(mm).....: 430

### Construction year

Built.....: 2020

### Type

Fabricator.....: DJI  
Model.....: M300 RTK  
Max Wind tolerance (m/s).....: 15  
Max Flight time (min).....: 55  
Max speed (m/s).....: 23  
Item type.....: AIRCRAFT:  
Diagonal Wheelbase : 895 mm  
Weight (with single downward gimbal) :  
- Approx. 3.6 kg (without batteries)  
- Approx. 6.3 kg (with two TB60 batteries) :  
Max Payload: 2.7 kg  
Max Takeoff Weight: 9 kg

Operating Frequency  
- 2.4000-2.4835 GHz  
- 5.725-5.850 GHz  
EIRP  
- 2.4000-2.4835 GHz:  
- 29.5 dBm (FCC); 18.5dBm (CE)  
- 18.5 dBm (SRRRC); 18.5dBm (MIC)  
- 5.725-5.850 GHz:  
- 28.5 dBm (FCC); 12.5dBm (CE)  
- 28.5 dBm (SRRRC)

Hovering Accuracy (P-mode with GPS)  
Vertical:  
±0.1 m (Vision System enabled)  
±0.5 m (GPS enabled)  
±0.1 m (RTK enabled)

Horizontal:  
±0.3 m (Vision System enabled)  
±1.5 m (GPS enabled)  
±0.1 m (RTK enabled)

RTK Positioning Accuracy when RTK enabled and fixed:  
1 cm+1 ppm (Horizontal)  
1.5 cm + 1 ppm (Vertical)

- Max Angular Velocity : Pitch: 300°/s, Yaw: 100°/s  
- Max Pitch Angle : 30° (P-mode, Forward Vision System enabled: 25°)  
- Max Ascent Speed : S mode: 6 m/s, P mode □ 5 m/s  
- Max Descent Speed (vertical) : S mode: 5 m/s, P mode □ 3 m/s  
- Max Descent Speed (tilt) : S Mode: 7 m/s  
- Max Speed : S mode: 23 m/s, P mode □ 17 m/s  
- Service Ceiling Above Sea Level : 5000 m (with 2110 propellers, takeoff weight ≤ 7 kg) / 7000 m (with 2195 propellers, takeoff weight ≤ 7 kg)  
- Supported DJI Gimbals : Zenmuse XT2/XT S/Z30/H20/H20T  
- Supported Gimbal Configurations : Single Downward Gimbal, Dual Downward Gimbals, Single Upward Gimbal, Upward and Downward Gimbals, Triple Gimbals  
- Ingress Protection Rating : IP45  
- GNSS : GPS+GLONASS+BeiDou+Galileo  
- Operating Temperature : -20°C to 50°C (-4°F to 122° F)

## Content

Content.....: - Aircraft  
- Remote Controller  
- Vision System  
- Infrared ToF Sensing System  
- Top and bottom auxiliary light  
- FPV Camera  
- Intelligent Flight Battery  
- BS60 Intelligent Battery Station