

The UAV or Drone

Unmanned Aerial Vehicle



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1. Parts



2. Specifications

- ▶ Takeoff Weight < 249 g
- ▶ Dimensions 298 x 373 x 100 mm
- ▶ Maximum Horizontal Speed 16 m/s
- ▶ Maximum Vertical Speed 5 m/s
- ▶ Maximum Takeoff Altitude 4000m
- ▶ Maximum Flight Distance 18 km
- ▶ Maximum Flight Time 34 minutes

3. Remote Control

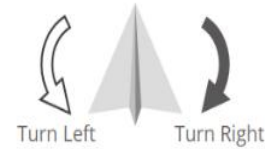
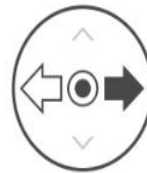
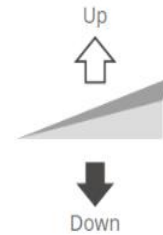


4. Controlling the aircraft manually



Mode 2

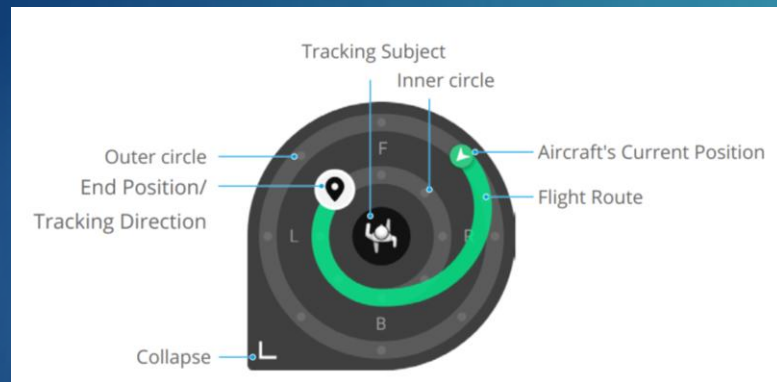
Left Stick



Right Stick



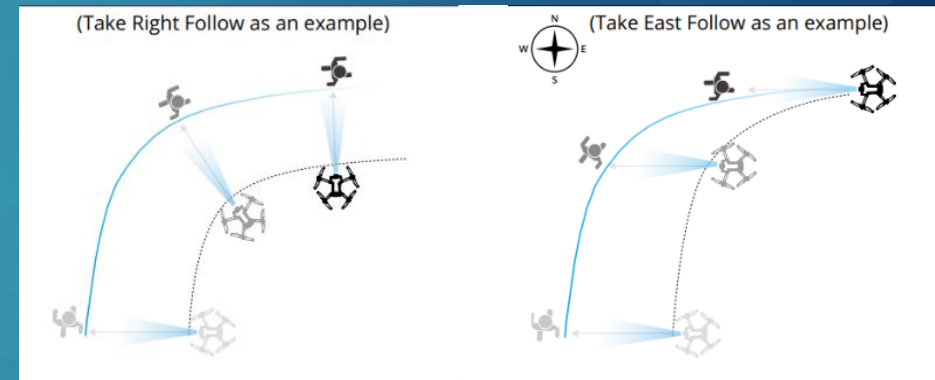
5. Controlling the aircraft automatically



Point of Interest

► Insérer les vidéos:

https://dji-official-fe.djicdn.com/reactor/assets/_next/static/videos/2880c9f9-df78-4894-8d26-0bf51b931cff.mp4



Active tracks

https://dji-official-fe.djicdn.com/reactor/assets/_next/static/videos/c03b5ed5-4a5e-4ac0-b229-191d38ff373c.mp4

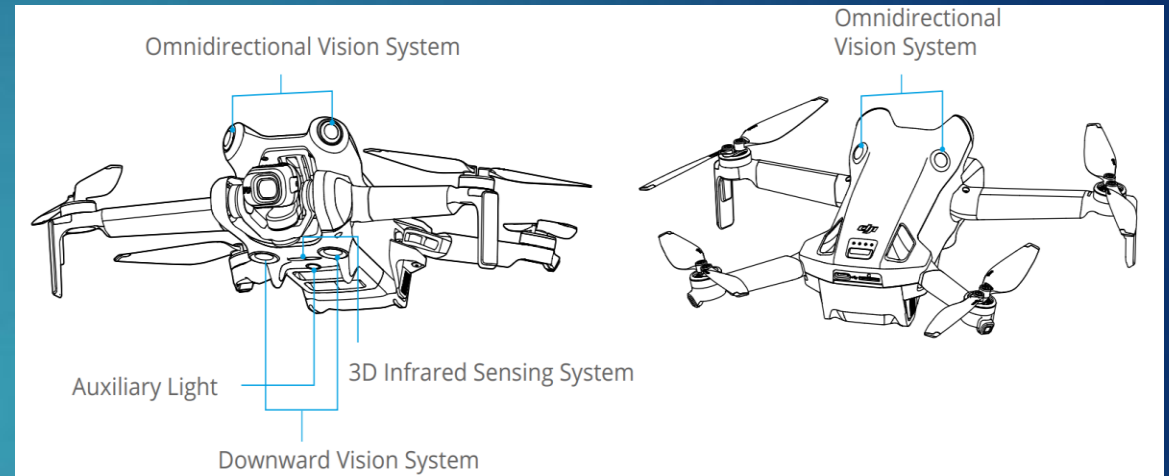
6. RTH

► Insérer la vidéo

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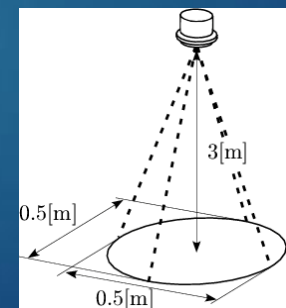
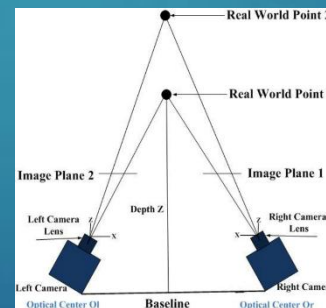


7. Obstacle avoidance






























► Insérer la vidéo

https://dji-official-fe.djicdn.com/reactor/assets/_next/static/videos/d2756ce3-23e9-4087-9eb7-f35fe9c84def.webm



8. Comparison with other models

			
<p>New</p> <p>DJI Mini 4 Pro</p> <p>£689</p> <p>Buy Now</p> <p>Learn More ></p>	<p>DJI Mini 3 Pro</p> <p>£709</p> <p>Buy Now</p> <p>Learn More ></p>	<p>DJI Mini 3</p> <p>£429</p> <p>Buy Now</p> <p>Learn More ></p>	<p>DJI Air 3</p> <p>£962</p> <p>Buy Now</p> <p>Learn More ></p>
<p> <249g</p> <p>Under 249 g</p>	<p> <249g</p> <p>Under 249 g</p>	<p> <249g</p> <p>Under 249 g</p>	<p> 720g</p> <p>720 g</p>
<p> 1/1.3"</p> <p>1/1.3-inch CMOS Wide-Angle Camera</p> <p>True Vertical Shooting</p>	<p> 1/1.3"</p> <p>1/1.3-inch CMOS Wide-Angle Camera</p> <p>True Vertical Shooting</p>	<p> 1/1.3"</p> <p>1/1.3-inch CMOS Wide-Angle Camera</p> <p>True Vertical Shooting</p>	<p> 1/1.3"</p> <p>1/1.3-inch CMOS Wide-Angle Camera</p> <p>1/1.3-inch CMOS Medium Tele Camera</p>
<p> 4K</p> <p>4K/60fps HDR</p> <p>Slow Motion: 4K/100fps</p> <p>Night Shots Video</p>	<p> 4K</p> <p>4K/60fps HDR</p> <p>Slow Motion: 1080p/120fps</p> <p>-</p>	<p> 4K</p> <p>4K/30fps HDR</p> <p>-</p>	<p> 4K</p> <p>4K/60fps HDR</p> <p>Slow Motion: 4K/100fps</p> <p>Night Shots Video</p>
<p> 10-bit</p> <p>10-bit D-Log M, HLG</p>	<p> D-Cinelike</p>	<p>-</p>	<p> 10-bit</p> <p>10-bit D-Log M, HLG</p>
<p> Omnidirectional Obstacle Sensing, APAS 5.0</p> <p>Advanced RTH, Waypoint Flight, Cruise Control</p>	<p> Forward/Backward/Downward Obstacle Sensing, APAS 4.0</p> <p>Smart RTH</p>	<p> Downward Obstacle Sensing</p> <p>Smart RTH</p>	<p> Omnidirectional Obstacle Sensing, APAS 5.0</p> <p>Advanced RTH, Waypoint Flight, Cruise Control</p>
<p> 20km</p> <p>DJI O4: Up to 20 km</p> <p>1080p/60fps Live Feed</p>	<p> 12km</p> <p>DJI O3: Up to 12 km</p> <p>1080p/30fps Live Feed</p>	<p> 10km</p> <p>DJI O2: Up to 10 km</p> <p>720p/30fps Live Feed</p>	<p> 20km</p> <p>DJI O4: Up to 20 km</p> <p>1080p/60fps Live Feed</p>

9. Questions

