

# dji MINI 3



FLY WORLD

Prepared By :

**FLY WORLD GADGET**



[www.flyworldgadget.in](http://www.flyworldgadget.in)



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# Specifications

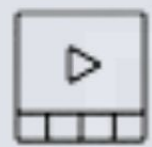


<249g

Under 249 g

4K  
HDR Video

4K HDR Video



Intelligent Features



True Vertical Shooting



Extended Battery  
Life



38kph (Level 5) Wind  
Resistance

# IN THE BOX



DJI Mini 3



Screwdriver



Gimbal Protector



DJI RC



Spare Propellers (Pair)



Spare Screws × 6



Intelligent Flight Battery



Type-C to Type-C PD Cable



# **AIRCRAFT :-**

Takeoff Weight	248 g
Dimensions	Folded (without propellers): 148×90×62 mm (L×W×H) Unfolded (with propellers): 251×362×72 mm (L×W×H)
Max Ascent Speed	5 m/s
Max Descent Speed	3.5 m/s
Max Horizontal Speed (at sea level, no wind)	16 m/s
Max Takeoff Altitude	With Intelligent Flight Battery: 4000 m With Intelligent Flight Battery Plus*: 3000 m
Max Flight Time	38 minutes (with Intelligent Flight Battery) 51 minutes (with Intelligent Flight Battery Plus*)
Max Hovering Time	33 minutes (with Intelligent Flight Battery) 44 minutes (with Intelligent Flight Battery Plus*)
Max Flight Distance	18 km (with Intelligent Flight Battery and measured while flying at 43.2 kph in windless conditions) 25 km (with Intelligent Flight Battery Plus* and measured while flying at 43.2 kph in windless conditions)



## **AIRCRAFT :-**

Max Wind Speed Resistance	10.7 m/s (Level 5)
Max Pitch Angle	40°
Operating Temperature	-10° to 40° C (14° to 104° F)
Global Navigation Satellite System	GPS + GLONASS + Galileo
Hovering Accuracy Range	Vertical: ±0.1 m (with vision positioning) ±0.5 m (with GNSS positioning) Horizontal: ±0.3 m (with vision positioning) ±1.5 m (with GNSS positioning)
Internal Storage	N/A
Class	C0 (EU)

# CAMERA :-

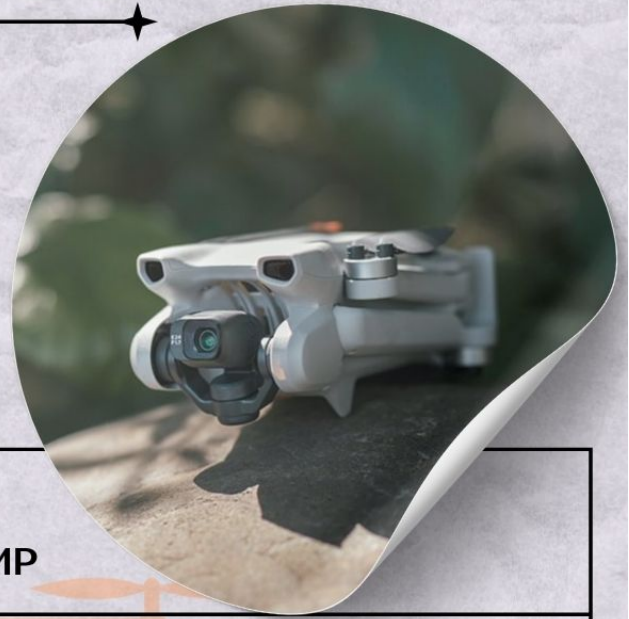


Image Sensor	1/1.3-inch CMOS Effective Pixels: 48MP
Lens	FOV: 82.1° Format Equivalent: 24 mm Aperture: f/1.7 Focus: 1 m to ∞
ISO Range	Video: 100–3200 Photo: 100–3200
Shutter Speed	Electronic Shutter: 2–1/8000 s
Still Photography Modes	Single Shot: 12 MP 48 MP: 48 MP Timed: 12 MP JPEG: 2/3/5/7/10/15/20/30/60 s JPEG + RAW: 5/7/10/15/20/30/60 s Automatic Exposure Bracketing (AEB): 12 MP, 3 frames at 2/3 EV step Panorama: Sphere, 180°, Wide Angle HDR: The Single Shot mode supports outputting HDR images.

# CAMERA :-



Photo Format	JPEG/DNG (RAW)
Max Image Size	8064×6048
Video Resolution	4K: 3840×2160@24/25/30 fps 2.7K: 2688×1512@24/25/30/48/50/60 fps FHD: 1920×1080@24/25/30/48/50/60 fps HDR: Recording with the 24/25/30fps frame rate supports outputting HDR images.
Video Format	MP4 (H.264)
Max Video bitrate	100 Mbps
Supported File System	FAT32 (≤ 32 GB), exFAT (> 32 GB)
Color Mode	Normal
Digital Zoom	4K: 2×, 2.7K: 3×, FHD: 4×
Quick Shot Modes	Dronie, Helix, Rocket, Circle, and Boomerang

# GIMBAL :-

Stabilization	3-axis mechanical gimbal (tilt, roll, and pan)
Mechanical Range	Tilt: $-135^{\circ}$ to $80^{\circ}$ Roll: $-135^{\circ}$ to $45^{\circ}$ Pan: $-30^{\circ}$ to $30^{\circ}$
Controllable Range	Tilt: $-90^{\circ}$ to $60^{\circ}$ Roll: $-90^{\circ}$ or $0^{\circ}$
Max Control Speed (tilt)	$100^{\circ}/s$
Angular Vibration Range	$\pm 0.01^{\circ}$

# SENSOR :-



Sensing Type	Downward vision system
Downward	Precise Hovering Range : 0.5-10 m
Operating Environment	Downward : Diffuse reflective surfaces with a clear pattern and reflectivity > 20% (such as walls, trees, or people) Adequate lighting (lux > 15, normal indoor lighting conditions)

# VIDEO TRANSMISSION :-

Video Transmission System	DJI O2
Live View Quality	Remote Controller : 720p/30fps
Operating Frequency	2.400-2.4835 GHz 5.725-5.850 GHz
Transmission power (EIRP)	2.400-2.4835 GHz : < 26 dBm (FCC) < 20 dBm (CE/SRRC/MIC) 5.725-5.850 GHz : < 26 dBm (FCC/SRRC) < 14 dBm (CE)
Max Transmission Distance (free of interference)	FCC: 10 km CE: 6 km SRRC: 6 km MIC: 6 km
Max Transmission Distance (with interference)	Strong Interference: urban landscape, approx. 1.5-3 km Medium Interference: suburban landscape, approx. 3-6 km Low Interference: suburb/seaside, approx. 6-10 km
Max Download Speed	DJI O2: 5.5 MB/s (with DJI RC-N1 Remote Controller) 5.5 MB/s (with DJI RC) Wi-Fi 5: 25 MB/s*
Lowest Latency	Approx 200 ms
Antenna	2 antennas, 1T2R

# REMOTE CONTROLLER



<p>Mzx. Operating Time</p>	<p>DJI RC-N1 Remote Controller                  Without charging any mobile device: 6 hours                  When charging a mobile device: 4 hours</p>
<p>Max. Supported Mobile Device Size</p>	<p>DJI RC-N1 Remote Controller                  180×86×10 mm (L×W×H)</p>
<p>Opertaing Temperature</p>	<p>DJI RC-N1 Remote Controller                  -10° to 40° C (14° to 104° F)</p>
<p>FLY</p> <p>Transmission Power (EIRP)</p>	<p>DJI RC-N1 Remote Controller                  2.400-2.4835 GHz:                  &lt; 26 dBm (FCC)                  &lt; 20 dBm (CE/SRRC/MIC)</p> <p>5.725-5.850 GHz:                  &lt; 26 dBm (FCC)                  &lt; 23 dBm (SRRC)                  &lt; 14 dBm (CE)</p>

# BATTERY :-

Capacity	Intelligent Flight Battery: 2453 mAh Intelligent Flight Battery Plus*: 3850 mAh
Weight	Intelligent Flight Battery: Approx. 80.5 g Intelligent Flight Battery Plus*: Approx. 121 g
Nominal voltage	7.38 V
Max. Charging Voltage	8.5 V
Type	Li-ion
Energy	Intelligent Flight Battery: 18.1 Wh Intelligent Flight Battery Plus*: 28.4 Wh
Charging Temperature	5° to 40° C (41° to 104° F)
Charging Time	<p>Intelligent Flight Battery:</p> <p>64 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 56 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub)</p> <p>Intelligent Flight Battery Plus*:</p> <p>101 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 78 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub)</p>
Recommended Charger	DJI 30W USB-C Charger or other USB Power Delivery chargers (30 W)*

# CHARGING HUB

Input	5 V, 3 A 9 V, 3 A 12 V, 3 A
Output	USB-A: Max Voltage: 5 V; Max Current: 2 A
Charging Time	Three Batteries Charged in Sequence
Compatible Batteries	DJI Mini 3 Pro Intelligent Flight Battery, DJI Mini 3 Pro Intelligent Flight Battery Plus*

# STORAGE

Storage	SanDisk Extreme 32GB V30 A1 microSDXC SanDisk Extreme 64GB V30 A1 microSDXC SanDisk Extreme 128GB V30 A2 microSDXC SanDisk Extreme 256GB V30 A2 microSDXC SanDisk Extreme Pro 32GB V30 A1 microSDXC Kingston Canvas Go!Plus 64GB V30 A2 microSDXC Kingston Canvas Go!Plus 128GB V30 A2 microSDXC Kingston Canvas Go!Plus 256GB V30 A2 microSDXC Kingston Canvas React Plus 64GB V30 A1 microSDXC Kingston Canvas React Plus 128GB V30 A1 microSDXC Samsung PRO Plus 256GB V30 A2 microSDXC
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# OUR BRANCHES ARE LOCATED AT:

- Delhi
- Pune
- Guwahati

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## FOR MORE INFO!

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