

# QUOTE

## DATE

11th April 2025

Survey | Defense |  
Autonomous Drone  
Solutions



## QUOTE NO

SGE11042025  
-1

### SGE UAV Solution Pvt. Ltd.

Satellite Office

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[sgedrones@gmail.com](mailto:sgedrones@gmail.com)

### HQ -

4 Mount Park Road,

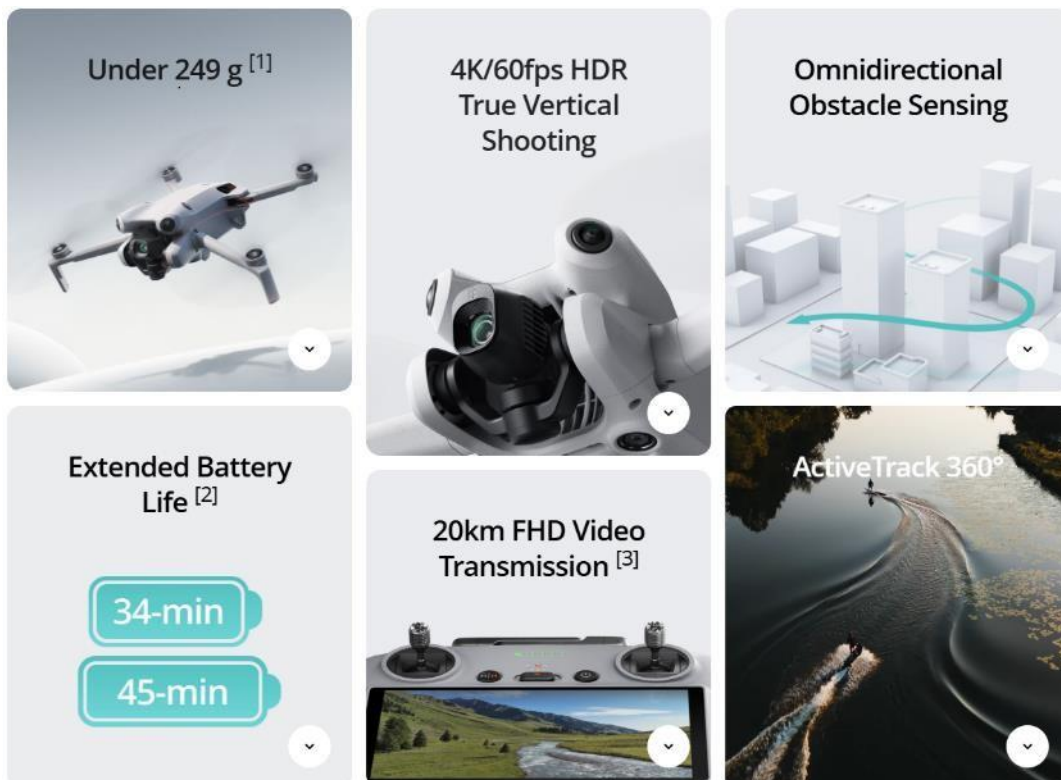
London, UK W5 2RP

[www.sgedrones.com](http://www.sgedrones.com)

UAV OPTION – SGE WILL PROVIDE THE FOLLOWING OPTIONS BASED ON YOUR REQUIREMENTS –

PRICE	MODEL	CAMERA	BATTERY	ENDURANCE / FLIGHT TIME	TAKE-OFF WEIGHT	MAX ALTITUDE
INR 1,25,000 PACKAGE (EXCLUDING GST) & 1 Year Warranty + AMC	MAVIC MINI 4 PRO FLYMORE COMBO	48 MP	2590 MAH	45 MINS	249 G	4000 M

REPRESENTATIVE PRODUCT IMAGE –



**PAYMENT TERMS** – CASH / BANK TRANSFER/ UPI

**DELIVERY DEADLINE** – AT THE TIME OF PAYMENT

**INCLUDED** – REMOTE TECHNICAL SUPPORT, DOORSTEP DELIVERY, 1 YEAR PRODUCT WARRANTY & ANNUAL MAINTAINANCE CONTRACT

**ADDITIONAL SERVICES AT EXTRA COST** – SPARES, INSURANCE, ON-SITE TECHNICAL SUPPORT

Quotation prepared by: **Ankit Sharma**  
**Founder, SGE Limited**  
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[www.sgcronics.com](http://www.sgcronics.com)

Signed by SGE Ltd

Signed by Recipient: .....  
Signature .....  
Print name .....

Duly authorised for and on behalf of the Recipient.

## Specs Aircraft

- **Takeoff Weight**
- **< 249 g**  
Standard aircraft weight (including the Intelligent Flight Battery, propellers, and a microSD card). The actual product weight may vary due to differences in batch materials and external factors. Training or examination is not required for flying this product in most countries and regions. Always check local laws and regulations before use. With the Intelligent Flight Battery Plus\*, the aircraft will weigh more than 249 g. Always check and strictly abide by local laws and regulations before flying.
- **Dimensions**
- **Folded (without propellers): 148×94×64 mm (L×W×H)**  
**Unfolded (with propellers): 298×373×101 mm (L×W×H)**
- **Max Ascent Speed**
- **5 m/s (S Mode)**  
**5 m/s (N Mode)**  
**3 m/s (C Mode)**
- **Max Descent Speed**
- **5 m/s (S Mode)**  
**5 m/s (N Mode)**  
**3 m/s (C Mode)**
- **Max Horizontal Speed (at sea level, no wind)**
- **16 m/s (S Mode)**  
**12 m/s (N Mode)**

**12 m/s (C Mode)**

The max horizontal speed is subject to dynamic local restrictions. Always abide by local laws and regulations when flying.

- **Max Takeoff Altitude**

- **With DJI Mini 4 Pro Intelligent Flight Battery: 4000 m**  
**With DJI Mini 3 Series Intelligent Flight Battery Plus\*: 3000 m**

Increase in aircraft weight can affect flight propulsion. When the aircraft is using the Intelligent Flight Battery Plus, do not mount additional payloads like a propeller guard or third-party accessories to avoid diminished propulsion.

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Max Flight Time**

- **34 minutes (with Intelligent Flight Battery)**  
**45 minutes (with Intelligent Flight Battery Plus)\***

Measured in a controlled test environment. Specific test conditions are as follows: flying forward at a constant speed of 21.6 kph in a windless laboratory environment at 20 meters above sea level, in photo mode (without photo taking operation during flight), with Obstacle Avoidance Action set to Off, and from 100% battery level until 0%. Results may vary depending on the environment, actual use, and firmware version.

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Max Hovering Time**

- **30 minutes (with Intelligent Flight Battery)**  
**39 minutes (with Intelligent Flight Battery Plus)\***

Measured in a controlled test environment. Specific test conditions are as follows: hovering in a windless laboratory environment at 20 meters above sea level, in photo mode (without photo taking operation during flight), with Obstacle Avoidance Action set to Off, and from 100% battery level until 0%. Results may vary depending on the environment, actual use, and firmware version.

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Max Flight Distance**

- **18 km (with Intelligent Flight Battery and measured while flying at 40.7 kph in a windless environment at 20 meters above sea level)**  
**25 km (with Intelligent Flight Battery Plus\* and measured while flying at 44.3 kph in a windless environment at 20 meters above sea level)**

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Max Wind Speed Resistance**

- **10.7 m/s**

- **Max Pitch Angle**

- **35°**

- **Operating Temperature**

- **-10° to 40° C (14° to 104° F)**

- **Global Navigation Satellite System**

- **GPS + Galileo + BeiDou**

- **Hovering Accuracy Range (windless or breezy)**

- **Vertical:**  
**±0.1 m (with vision positioning)**  
**±0.5 m (with GNSS positioning)**  
**Horizontal:**  
**±0.1 m (with vision positioning)**  
**±0.5 m (with GNSS positioning)**

- **Internal Storage**

- **2 GB**

- **Class**

- **C0 (EU), with the option to apply for C1 (EU) in the DJI Fly app.**  
**Camera**

- **Image Sensor**

- **1/1.3-inch CMOS, Effective Pixels: 48 MP**

- **Lens**

- **FOV: 82.1°**  
**Format Equivalent: 24 mm**  
**Aperture: f/1.7**  
**Focus: 1 m to ∞**

- **ISO Range**

- **Video**  
**Normal and Slow Motion:**  
**100-6400 (Normal)**  
**100-1600 (D-Log M)**  
**100-1600 (HLG)**

**Night:**  
**100-12800 (Normal)**

**Photo**

12 MP: 100-6400  
48 MP: 100-3200

- Shutter Speed
- 12MP Photo: 1/16000-2 s (2.5-8 s for simulated long exposure)  
48MP Photo: 1/8000-2 s
- Max Image Size
- 8064×6048
- Still Photography Modes
- Single Shot: 12 MP and 48 MP  
Burst Shooting:  
12 MP, 3/5/7 frames  
48 MP, 3/5 frames  
Automatic Exposure Bracketing (AEB):  
12 MP, 3/5/7 frames at 0.7 EV step  
48 MP, 3/5 frames at 0.7 EV step  
Timed:  
12 MP, 2/3/5/7/10/15/20/30/60 s  
48 MP, 5/7/10/15/20/30/60 s
- Photo Format
- JPEG/DNG (RAW)
- Video Resolution
- H.264/H.265  
4K: 3840×2160@24/25/30/48/50/60/100\*fps  
FHD: 1920×1080@24/25/30/48/50/60/100\*/200\*fps  
\* Recording frame rates. The corresponding video plays as slow-motion video. 4K/100fps and HLG/D-Log M only support H.265 coding.
- Video Format
- MP4 (MPEG-4 AVC/H.264, HEVC/H.265)
- Max Video Bitrate
- H.264/H.265: 150 Mbps
- Supported File System
- exFAT
- Color Mode and Sampling Method
- Normal:  
8-bit 4:2:0 (H.264/H.265)  
HLG/D-Log M:  
10-bit 4:2:0 (H.265)
- Digital Zoom
- 12MP Photo: 1-3x  
4K: 1-3x  
FHD: 1-4x
- Gimbal
- Stabilization
- 3-axis mechanical gimbal (tilt, roll, pan)
- Mechanical Range
- Tilt: -135° to 80°  
Roll: -135° to 45°  
Pan: -30° to 30°
- Controllable Range
- Tilt: -90° to 60°  
Roll: -90° or 0°
- Max Control Speed (tilt)
- 100°/s
- Angular Vibration Range
- ±0.01°
- Sensing
- Sensing Type
- Omnidirectional binocular vision system, supplemented with a 3D infrared sensor at the bottom of the aircraft

- **Forward**
- **Measurement Range: 0.5-18 m**  
**Detection Range: 0.5-200 m**  
**Effective Sensing Speed: Flight Speed  $\leq$  12 m/s**  
**FOV: Horizontal 90°, Vertical 72°**
- **Backward**
- **Measurement Range: 0.5-15 m**  
**Effective Sensing Speed: Flight Speed  $\leq$  12 m/s**  
**FOV: Horizontal 90°, Vertical 72°**
- **Lateral**
- **Measurement Range: 0.5-12 m**  
**Effective Sensing Speed: Flight Speed  $\leq$  12 m/s**  
**FOV: Horizontal 90°, Vertical 72°**
- **Upward**
- **Measurement Range: 0.5-15 m**  
**Effective Sensing Speed: Flight Speed  $\leq$  5 m/s**  
**FOV: Front and Back 72°, Left and Right 90°**
- **Downward**
- **Measurement Range: 0.3-12 m**  
**Effective Sensing Speed: Flight Speed  $\leq$  5 m/s**  
**FOV: Front and Back 106°, Left and Right 90°**
- **Operating Environment**
- **Forward, Backward, Left, Right, and Upward:**  
**Surfaces with discernible patterns and adequate lighting (lux > 15)**  
**Downward:**  
**Surfaces with discernible patterns, diffuse reflectivity > 20% (e.g. walls, trees, people), and adequate lighting (lux > 15)**
- **3D Infrared Sensor**
- **Measurement Range: 0.1-8 m (reflectivity > 10%)**  
**FOV: Front and Back 60°, Left and Right 60°**

#### Video Transmission

- **Video Transmission System**
- **O4**
- **Live View Quality**
- **Remote Controller:**  
**Up to 1080p/60fps (available when the aircraft is flying in Photo or Video mode)**  
**Up to 1080p/30fps (available when the aircraft is flying in Video mode)**  
**Up to 1080p/24fps (available when the aircraft is in standby mode on the ground)**
- **Operating Frequency**
- **2.4000-2.4835 GHz**  
**5.170-5.250 GHz**  
**5.725-5.850 GHz**  
5.170-5.250 GHz can be used only in countries and regions where permitted by local laws and regulations.
- **Transmitter Power (EIRP)**
- **2.4 GHz:**  
**< 33 dBm (FCC)**  
**< 20 dBm (CE/SRRC/MIC)**
- **5.1 GHz:**  
**< 23 dBm (CE)**
- **5.8 GHz:**  
**< 33 dBm (FCC)**  
**< 30 dBm (SRRC)**  
**< 14 dBm (CE)**
- **Max Transmission Distance (unobstructed, free of interference)**
- **FCC: 20 km**  
**CE: 10 km**  
**SRRC: 10 km**  
**MIC: 10 km**  
Measured in an unobstructed outdoor environment free of interference. The above data shows the farthest communication range for one-way, non-return flights under each standard. Always pay attention to RTH reminders in the DJI Fly app during your flight.
- **Max Transmission Distance (unobstructed, with interference)**
- **Strong Interference: urban landscape, approx. 1.5-4 km**  
**Medium Interference: suburban landscape, approx. 4-10 km**

**Low Interference: suburb/seaside, approx. 10-20 km**

Data tested under FCC standard in unobstructed environments with typical interference. Used for reference purposes only and provides no guarantee for actual transmission distance.

- **Max Transmission Distance (obstructed, with interference)**

- **Low Interference and Obstructed by Buildings: approx. 0-0.5 km**  
**Low Interference and Obstructed by Trees: approx. 0.5-3 km**

Data tested under FCC standard in obstructed environments with typical low interference. Used for reference purposes only and provides no guarantee for actual transmission distance.

- **Max Download Speed**

- **O4:**  
**10 MB/s (with DJI RC-N2)**  
**10 MB/s (with DJI RC 2)**  
**Wi-Fi 5: 30 MB/s\***

\* Measured in a laboratory environment with little interference in countries/regions that support both 2.4 GHz and 5.8 GHz, with footage saved to the internal storage. Download speeds may vary depending on the actual conditions.

- **Lowest Latency**

- **Aircraft + Remote Controller: approx. 120 ms**  
Depending on the actual environment and mobile device.

- **Antenna**

- **4 antennas, 2T4R**

**Battery**

- **Compatible Battery**

- **DJI Mini 4 Pro Intelligent Flight Battery, DJI Mini 3 Series Intelligent Flight Battery Plus\***

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Capacity**

- **Intelligent Flight Battery: 2590 mAh**  
**Intelligent Flight Battery Plus\*: 3850 mAh**

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Weight**

- **Intelligent Flight Battery: approx. 77.9 g**  
**Intelligent Flight Battery Plus\*: approx. 121 g**

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Nominal Voltage**

- **Intelligent Flight Battery: 7.32 V**  
**Intelligent Flight Battery Plus\*: 7.38 V**

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Max Charging Voltage**

- **Intelligent Flight Battery: 8.6 V**  
**Intelligent Flight Battery Plus\*: 8.5 V**

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Type**

- **Li-ion**

- **Energy**

- **Intelligent Flight Battery: 18.96 Wh**  
**Intelligent Flight Battery Plus\*: 28.4 Wh**

\* The Intelligent Flight Battery Plus is not sold in Europe.

- **Charging Temperature**

- **5° to 40° C (41° to 104° F)**

- **Charging Time**

- **Intelligent Flight Battery:**  
**70 minutes (with the DJI 30W USB-C Charger and the battery mounted to the aircraft)**  
**58 minutes (with the DJI 30W USB-C Charger and the battery inserted into the Two-Way Charging Hub)**

**Intelligent Flight Battery Plus\*:**  
**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)**  
\* The Intelligent Flight Battery Plus is not sold in Europe.

**Charger**

- **Recommended Charger**

- **DJI 30W USB-C Charger or other USB Power Delivery chargers (30 W)\***

\* When you charge the battery mounted to the aircraft or inserted into the Two-Way Charging Hub, the maximum charging power supported is 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 Type**
- **Three batteries charged in sequence.**
- **Compatibility**
- **DJI Mini 4 Pro Intelligent Flight Battery, DJI Mini 3 Series Intelligent Flight Battery/Intelligent Flight Battery Plus**  
\* The Intelligent Flight Battery Plus is not sold in Europe.

#### **Storage**

- **Recommended microSD Cards**
- SanDisk Extreme PRO 32GB V30 U3 A1 microSDHC  
Lexar 1066x 64GB V30 U3 A2 microSDXC  
Lexar 1066x 128GB V30 U3 A2 microSDXC  
Lexar 1066x 256GB V30 U3 A2 microSDXC  
Lexar 1066x 512GB V30 U3 A2 microSDXC  
Kingston Canvas GO! Plus 64GB V30 U3 A2 microSDXC  
Kingston Canvas GO! Plus 128GB V30 U3 A2 microSDXC  
Kingston Canvas React Plus 64GB V90 U3 A1 microSDXC  
Kingston Canvas React Plus 128GB V90 U3 A1 microSDXC  
Kingston Canvas React Plus 256GB V90 U3 A1 microSDXC  
Samsung EVO Plus 512GB V30 U3 A2 microSDXC

#### **DJI RC-N2**

- **Max Operating Time**
- Without charging any mobile device: 6 hours  
When charging a mobile device: 3.5 hours
- **Max Supported Mobile Device Size**
- 180×86×10 mm (L×W×H)
- **Operating Temperature**
- -10° to 40° C (14° to 104° F)
- **Charging Temperature**
- 5° to 40° C (41° to 104° F)
- **Charging Time**
- 2.5 hours
- **Charging Type**
- It is recommended to use a 5V/2A charger.
- **Battery Capacity**
- 18.72 Wh (3.6 V, 2600 mAh × 2)
- **Supported Mobile Device Port Type**
- **Lightning, USB-C, Micro-USB**  
\* Using a mobile device with Micro-USB port requires the DJI RC-N1 RC Cable (Standard Micro USB connector), which is sold separately.
- **Video Transmission Operating Frequency**
- 2.4000-2.4835 GHz  
5.170-5.250 GHz  
5.725-5.850 GHz
- **Transmitter Power (EIRP)**
- **2.4 GHz:**  
< 33 dBm (FCC)  
< 20 dBm (CE/SRRC/MIC)
- **5.1 GHz:**  
< 23 dBm (CE)
- **5.8 GHz:**  
< 33 dBm (FCC)  
< 14 dBm (CE)  
< 30 dBm (SRRC)



GOVERNMENT OF INDIA  
MINISTRY OF CORPORATE AFFAIRS  
Central Registration Centre

## Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that SGE UAV SOLUTIONS PRIVATE LIMITED is incorporated on this Thirteenth day of April Two thousand twenty-one under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U72900DL2021PTC379956.

The Permanent Account Number (PAN) of the company is ABFCS8960A \*

The Tax Deduction and Collection Account Number (TAN) of the company is DELS88199G \*

Given under my hand at Manesar this Thirteenth day of April Two thousand twenty-one .

Digital Signature Certificate

SHIVARAJ C RANJERI

ASST. REGISTRAR OF COMPANIES

For and on behalf of the Jurisdictional Registrar of Companies

Registrar of Companies

Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on [www.mca.gov.in](http://www.mca.gov.in)

Mailing Address as per record available in Registrar of Companies office:

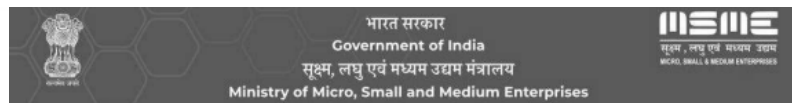
SGE UAV SOLUTIONS PRIVATE LIMITED

Flat No. B-802, PLOT NO.28, PARIJAT APARTMENT, DWARKA

SECTOR-4,, DELHI, New Delhi, Delhi, 110075



\* as issued by the Income Tax Department



UDYAM REGISTRATION NUMBER

UDYAM-DL-10-0088928

NAME OF ENTERPRISE

SGE UAV SOLUTIONS PRIVATE LIMITED

TYPE OF ENTERPRISE \*

S.No.	Classification Year	Enterprise Type	Classification Date
1	2025-26	Micro	02/04/2025

MAJOR ACTIVITY

TRADING

[For availing benefits of Priority Sector Lending(PSL) ONLY]

SOCIAL CATEGORY OF  
ENTREPRENEUR

GENERAL

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	SGE UAV SOLUTIONS PRIVATE LIMITED

OFFICIAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	B-802	Name of Premises/ Building	PARIJAT APPTS
Village/Town	DWARKA	Block	PLOT NO 28
Road/Street/Lane	SECTOR 4	City	DELHI
State	DELHI	District	SOUTH WEST , Pin 110075
Mobile	8851163142	Email:	sgedrones@gmail.com

DATE OF INCORPORATION /  
REGISTRATION OF ENTERPRISE

13/04/2021

DATE OF COMMENCEMENT OF  
PRODUCTION/BUSINESS

13/04/2021

NATIONAL INDUSTRY  
CLASSIFICATION CODE(S)

S.No.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	70 - Activities of head offices; management consultancy activities	7020 - Management consultancy activities	70200 - Management consultancy activities	Services

DATE OF UDYAM REGISTRATION

02/04/2025

\* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing:- 02/04/2025