

# QUOTE

Survey | Defense |  
Autonomous Drone  
Solutions



QUOTE NO

SGE11042025-  
2

DATE

11<sup>th</sup> April 2025

**SGE UAV Solution Pvt. Ltd.**

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

PRICE	MODEL	CAMERA	BATTERY	ENDURANCE / FLIGHT TIME	TAKE-OFF WEIGHT	MAX ALTITUDE
<b>INR 1,40,000 PACKAGE (INCLUDING GST) &amp; 1 Year Warranty + AMC</b>	DJI AVATA 2 FPV DRONE FLYMORE COMBO	12 MP, 1/1.3-inch CMOS sensor	2150 MAH	23 MINS	377 Grams	3000 M

**REPRESENTATIVE PRODUCT IMAGE –**



1/1.3" CMOS Super-Wide-Angle Camera

4K/60fps HDR Videos <sup>[7]</sup>

10-bit D-Log M Color Mode

Downward/Backward Visual Positioning

23-Min Max Flight Time <sup>[9]</sup>  
The drone supports PD fast charging.

DJI O4 Video Transmission  
Max Transmission Distance: 13 km <sup>[11]</sup>  
Max Transmission Bitrate: 60Mbps <sup>[13]</sup>

46GB Large Internal Storage  
High-Speed QuickTransfer

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

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

**INCLUDED** – REMOTE TECHNICAL SUPPORT, 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**  
+91 8851163142  
[www.sgtronics.com](http://www.sgtronics.com)

Signed by SGE Ltd



Signed by Recipient: .....  
Signature

.....  
Print name

Duly authorised for and on behalf of the **Recipient**.

## Detailed Specs

### Aircraft

- Takeoff Weight
- Approx. 377 g
- Dimensions
- 185x212x64 mm (LxWxH)
- Max Ascent Speed
- 6 m/s (Normal mode)  
9 m/s (Sport mode)
- Max Descent Speed
- 6 m/s (Normal mode)  
9 m/s (Sport mode)
- Max Horizontal Speed  
(near sea level, no wind)
- 8 m/s (Normal mode)  
16 m/s (Sport mode)  
27 m/s (Manual mode)\*

\* No faster than 19 m/s with the Manual mode in the EU regions.

- **Max Takeoff Altitude**

- **5000 m**

Measured in a windless environment when taking off from an altitude of 5000 m and ascending vertically by 500 m, using Sport mode, and from 100% battery level until 20%. Data is for reference only. Always pay attention to reminders on the goggles' screens during your flight.

- **Max Flight Time**

- **Approx. 23 mins**

Measured when flying forward at a speed of 21.6 kph in a windless environment at sea level, with camera parameters set to 1080p/30fps, video mode off, and from 100% battery level until 0%. Data is for reference only. Always pay attention to reminders on the goggles' screens during your flight.

- **Max Hovering Time**

- **Approx. 21 mins**

Measured when hovering in a windless environment at sea level, with camera parameters set to 1080p/30fps, video mode off, and from 100% battery level until 0%. Data is for reference only. Always pay attention to reminders on the goggles' screens during your flight.

- **Max Flight Distance**

- **13.0 km**

Measured when flying forward at a speed of 43.2 kph in a windless environment at sea level, with camera parameters set to 1080p/30fps, video mode off, and from 100% battery level until 0%. Data is for reference only. Always pay attention to reminders on the goggles' screens during your flight.

- **Max Wind Speed Resistance**

- **10.7 m/s (Level 5)**

- **Operating Temperature**

- **-10° to 40° C (14° to 104° F)**

- **Global Navigation Satellite System**

- **GPS + Galileo + BeiDou**

- **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**

- **46 GB**

- **Class**

- **C1 (EU)**

**Camera**

- **Image Sensor**

- **1/1.3-inch image sensor  
Effective Pixels: 12 MP**

- **Lens**

- **FOV: 155°  
Format Equivalent: 12 mm  
Aperture: f/2.8  
Focus: 0.6 m to ∞**

- **ISO Range**

- **100-25600 (Auto)  
100-25600 (Manual)**

- **Shutter Speed**

- **Video: 1/8000-1/30 s  
Photo: 1/8000-1/50 s**

- **Max Image Size**

- **4000×2256 (16:9)  
4000×3000 (4:3)**

- **Still Photography Mode**

- **Single shot**
- **Photo Format**
- **JPEG**
- **Video Resolution**
- **4K (4:3): 3840×2880@30/50/60fps**  
**4K (16:9): 3840×2160@30/50/60/100fps**  
**2.7K (4:3): 2688×2016@30/50/60fps**  
**2.7K (16:9): 2688×1512@30/50/120fps**  
**1080p (4:3): 1440×1080@30/50/120fps**  
**1080p (16:9): 1920×1080@30/50/120fps**
- **Video Format**
- **MP4 (H.264/H.265)**
- **Max Video Bitrate**
- **130 Mbps**
- **Supported File System**
- **exFAT**
- **Color Mode**
- **Standard**  
**D-Log M**
- **Camera FOV**
- **Supports normal mode, wide-angle mode, and ultra-wide-angle mode.**
- **EIS**
- **Supports RockSteady 3.0+ and HorizonSteady**  
**Can be disabled\***

\* When stabilization is turned off, footage captured with the wide-angle view supports offline stabilization Gyroflow.

#### **Gimbal**

- **Stabilization**
- **Single-axis mechanical gimbal (tilt)**
- **Mechanical Range**
- **Tilt: -95° to 90°**
- **Controllable Range**
- **Tilt: -85° to 80°**
- **Max Control Speed (tilt)**
- **100°/s**
- **Angular Vibration Range**
- **±0.01°**
- **Electronic Roll Axis**
- **Real-time screen correction is unavailable during recording, but can be applied to the footage recorded on the drone.**

#### **Sensing**

- **Sensing Type**
- **Downward and backward visual positioning**
- **Downward**
- **ToF Effective Measurement Height: 10 m**  
**Precise Hovering Range: 0.3-10 m**  
**Measurement Range: 0.3-20 m**  
**FOV: Horizontal 78°, Vertical 78°**
- **Backward**
- **Measurement Range: 0.5-20 m**  
**FOV: Horizontal 78°, Vertical 78°**
- **Operating Environment**
- **Diffuse reflective surfaces with discernible patterns, diffuse reflectivity > 20% (such as concrete pavement)**  
**Adequate lighting (lux > 15, normal indoor lighting conditions)**

## Video Transmission

- **Video Transmission System**
- **O4**
- **Live View Quality**
- **1080p@30/50/60/100fps**
- **Operating Frequency**
- **2.400-2.4835 GHz**  
**5.170-5.250 GHz\***  
**5.725-5.850 GHz\***

\* 5.170-5.250 GHz and 5.725-5.850 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)**

- **Communication Bandwidth**
- **Max 60 MHz**
- **Max Transmission Distance (unobstructed, free of interference)**
- **FCC: 13 km (subject to the aircraft's max flight distance)**  
**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 on the goggles screen 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.**  
**10-13 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 environments with typical low interference. Used for reference purposes only and provides no guarantee for actual transmission distance.

- **Max Download Speed**
- **Wi-Fi: 30 MB/s\***

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

- **Lowest Latency**
- **With DJI Goggles 3:**  
**1080p/100fps Video Transmission Quality: 24 ms**  
**1080p/60fps Video Transmission Quality: 40 ms**

- **Max Video Bitrate**
- **60Mbps**
- **Antennas**
- **4 antennas, 2T4R**  
**Wi-Fi**
- **Protocol**

- 802.11a/b/g/n/ac
- Operating Frequency
- 2.400-2.4835 GHz  
5.725-5.850 GHz
- Transmitter Power (EIRP)
- 2.4 GHz:  
<20 dBm (FCC/CE/SRRC/MIC)
- 5.8 GHz:  
<20 dBm (FCC/SRRC)  
< 14 dBm (CE)

#### Bluetooth

- Protocol
- Bluetooth 5.0
- Operating Frequency
- 2.400-2.4835 GHz
- Transmitter Power (EIRP)
- <10 dBm

#### Intelligent Flight Battery

- Capacity
- 2150 mAh
- Weight
- Approx. 145 g
- Standard Voltage
- 14.76 V
- Max Charging Voltage
- 17 V
- Battery Type
- Li-ion
- Energy
- 31.7 Wh@0.5C
- Charging Temperature
- 5° to 40° C (41° to 104° F)
- Charging Time
- With Charging Hub (60W max charging power):  
From 0 to 100%: approx. 45 min  
From 10 to 90%: approx. 30 min
- Directly Charging the Drone (30 W max charging power):  
From 0 to 100%: approx. 88 min  
From 10 to 90%: approx. 60 min

#### Charger

- Recommended Charger
- DJI 65W Portable Charger  
DJI 65W Car Charger  
USB Power Delivery charger

#### Battery Charging Hub

- Input
- 5-20 V, max 3 A
- Output (power accumulation)
- Max 65 W
- Output (charging)
- Max 17 V

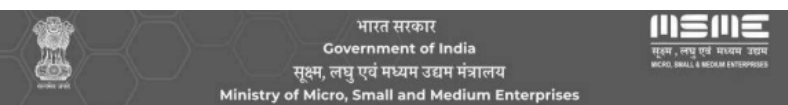
- **Output (USB)**
- **5 V, 2 A**
- **Charging Type**
- **Three batteries charged in sequence.**
- **Compatibility**
- **DJI Avata 2 Intelligent Flight Battery**

#### **Storage**

- **Recommended microSD Cards**
- **Kingston CANVAS Go! Plus 64GB U3 A2 V30 microSDXC**
- **Kingston CANVAS Go! Plus 128GB U3 A2 V30 microSDXC**
- **Kingston CANVAS Go! Plus 256GB U3 A2 V30 microSDXC**
- **Kingston CANVAS Go! Plus 512GB U3 A2 V30 microSDXC**
- **Lexar Professional 1066x 64GB U3 A2 V30 microSDXC**
- **Lexar Professional 1066x 128GB U3 A2 V30 microSDXC**
- **Lexar Professional 1066x 256GB U3 A2 V30 microSDXC**
- **Lexar Professional 1066x 512GB U3 A2 V30 microSDXC**

#### **DJI FPV Remote Controller 3**

- **Max Operating Time**
- **Approx. 10 hours**
- **Operating Temperature**
- **-10° to 40° C (14° to 104° F)**
- **Charging Temperature**
- **0° to 50° C (32° to 122° F)**
- **Charging Time**
- **2 hours**
- **Charging Type**
- **5 V, 2 A**
- **Battery Capacity**
- **2600 mAh**
- **Weight**
- **Approx. 240 g**
- **Dimensions**
- **165×119×62 mm (L×W×H)**
- **Operating Frequency**
- **2.400-2.4835 GHz**
- **Transmitter Power (EIRP)**
- **2.400 GHz:**
  - **<26 dBm (FCC)**
  - **<20 dBm (CE/SRRC/MIC)**



## UDYAM REGISTRATION CERTIFICATE

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:	sgeudrones@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



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 .

MINISTRY OF CORPORATE AFFAIRS

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, India, 110075



\* as issued by the Income Tax Department