

QUOTE

Survey | Defense |
Autonomous Drone
Solutions



DATE

11th April 2025

QUOTE NO

SGE11042025

SGE UAV Solution Pvt. Ltd.

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HQ -

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London, UK W5 2RP

www.sgedrones.com

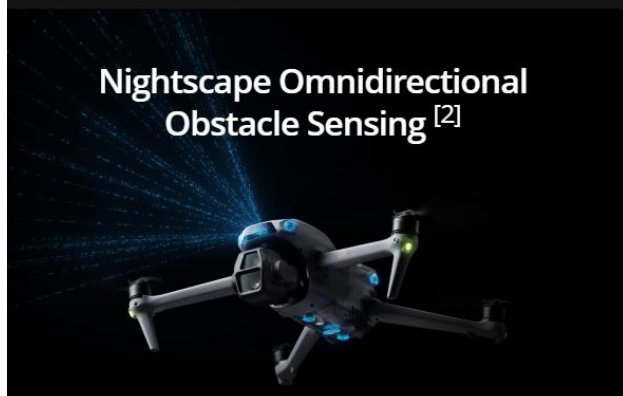
UAV OPTION – SGE WILL PROVIDE THE FOLLOWING OPTIONS BASED ON YOUR REQUIREMENTS –

PRICE	MODEL	CAMERA	BATTERY	ENDURANCE / FLIGHT TIME	TAKE-OFF WEIGHT	MAX ALTITUDE
INR 1,55,000 PACKAGE (EXCLUDING GST) & 1 Year Warranty + AMC	DJI Air 3 S DRONE FLYMORE COMBO with SMART CONTROLLER	50 MP, 1-inch CMOS sensor	4276 MAH	45 MINS	724 Grams	3000 M

REPRESENTATIVE PRODUCT IMAGE –



1" CMOS Primary Camera



Nightscape Omnidirectional
Obstacle Sensing ^[2]



Dual-Camera

4K/60fps HDR Video &
14 Stops of Dynamic
Range ^[1]

PAYMENT TERMS – CASH / BANK TRANSFER/ UPI

DELIVERY DEADLINE – AT THE TIME OF PAYMENT

INCLUDED – REMOTE TECHNICAL SUPPORT, 1 YEAR NON ACCIDENTAL 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.sgcdrone.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
- 724 g
- Dimensions
- Folded (without propellers): 214.19×100.63×89.17 mm (L×W×H)
Unfolded (without propellers): 266.11×325.47×106.00 mm (L×W×H)
- Max Ascent Speed
- 10 m/s
- Max Descent Speed
- 10 m/s
- Max Horizontal Speed
- At sea level, in windless conditions:
21 m/s*

At sea level, with 6 m/s tailwind, while flying in the same direction as the wind:
27 m/s*

* Measured in a wind tunnel test environment when taking off from an altitude of 0 meter and ascending vertically to a height of 1.5 meters above the ground in Sport mode, and is for reference only. Always pay attention to reminders on the camera view during your flight.

* 19 m/s in the EU region.

- **Max Takeoff Altitude**

- **6000 m**

- **Max Flight Time**

- **45 minutes**

Measured by DJI Air 3S flying forward at a constant speed of 32.4 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, and from 100% battery level until 0%. Data is for reference only. Always pay attention to reminders in the app during your flight.

- **Max Hovering Time**

- **41 minutes**

Measured by DJI Air 3S hovering in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, and from 100% battery level until 0%. Data is for reference only. Always pay attention to reminders in the app during your flight.

- **Max Flight Distance**

- **32 km**

Measured by DJI Air 3S flying forward at a constant speed of 48.6 kph in a windless environment at sea level, with Obstacle Avoidance Action set to Brake, in photo mode, and from 100% battery level until 0%. Data is for reference only. Always pay attention to reminders in the app during your flight.

- **Max Wind Speed Resistance**

- **12 m/s**

- **Max Pitch Angle**

- **36°**

- **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 satellite positioning)

Horizontal:

±0.3 m (with vision positioning)

±0.5 m (with satellite positioning)

- **Internal Storage**

- **42 GB**

- **Class**

- **C1 (EU)**

- **Camera**

- **Image Sensor**

- **Wide-Angle Camera: 1-inch CMOS, 50MP Effective Pixels**

Medium Tele Camera: 1/1.3-inch CMOS, 48MP Effective Pixels

- **Lens**

- **Wide-Angle Camera**

FOV: 84°

Format Equivalent: 24 mm

Aperture: f/1.8

Focus: 0.5 m to ∞

Medium Tele Camera

FOV: 35°

Format Equivalent: 70 mm

Aperture: f/2.8

Focus: 3 m to ∞

- **ISO Range**
- **Video**
Normal:
100-12800 (Normal)
100-3200 (D-Log M)
100-3200 (HLG)
Slow Motion:
100-6400 (Normal)
100-3200 (D-Log M)
100-3200 (HLG)

Photo

100-6400 (12 MP)

100-3200 (48 MP and 50 MP)

- **Shutter Speed**
- **Wide-Angle Camera**
12MP Photo: 1/8000-2 s (2.5-8 s for simulated long exposure)
50MP Photo: 1/8000-2 s

Medium Tele Camera

12MP Photo: 1/16000-2 s (2.5-8 s for simulated long exposure)

48MP Photo: 1/8000-2 s

- **Max Image Size**
- **Wide-Angle Camera: 8192×6144**
Medium Tele Camera: 8064×6048
- **Still Photography Modes**
- **Wide-Angle Camera**
Single Shot: 12 MP and 50 MP
Burst Shooting: 12 MP, 3/5/7 frames; 50 MP, 3/5 frames
Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames; 50 MP, 3/5 frames at 0.7 EV step
Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s; 50 MP, 5/7/10/15/20/30/60 s

Medium Tele Camera

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; 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**
- **Wide-Angle Camera/Medium Tele Camera:**
H.264/H.265
4K: 3840×2160@24/25/30/48/50/60/120*fps
FHD: 1920×1080@24/25/30/48/50/60/120*/240*fps
2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps

* Recording frame rates. The corresponding video plays as a slow-motion video. Slow-motion videos and 4K video recordings only support H.265 encoding.

- **Video Format**
- **MP4 (MPEG-4 AVC/H.264, HEVC/H.265)**
- **Max Video Bitrate**
- **H.264/H.265: 130 Mbps***

* When shooting 4K/120fps video in D-Log M mode with the DJI Air 3S, the video encoding bitrate can reach up to 130Mbps, corresponding to a video stream frame rate of

120fps. However, since slow-motion video files are encapsulated at 30fps, the video length displayed on the player is four times the recording duration, and the bitrate of the parsed encapsulated file is approximately one-fourth of the original encoding bitrate.

- **Supported File System**
- **exFAT**
- **Color Mode and Sampling Method**
- **Wide-Angle/Medium Tele Camera**
Normal (FHD/2.7K): 8-bit 4:2:0 (H.264)
Normal (FHD/2.7K): 10-bit 4:2:0 (H.265)
HLG/D-Log M (FHD/2.7K): 10-bit 4:2:0 (H.264/H.265)
Normal/HLG/D-Log M (4K): 10-bit 4:2:0 (H.265)
- **Digital Zoom**
- **Wide-Angle Camera: 1-2.9x**
Medium Tele Camera: 3-9x
- **Gimbal**
- **Stabilization**
- **3-axis mechanical gimbal (tilt, roll, pan)**
- **Mechanical Range**
- **Tilt: -135° to 70°**
Roll: -50° to 50°
Pan: -27° to 27°
- **Controllable Range**
- **Tilt: -90° to 60°**
Pan: -5° to 5°
- **Max Control Speed (tilt)**
- **100°/s**
- **Angular Vibration Range**
- **±0.0037°**
- **Sensing**
- **Sensing Type**
- **Omnidirectional binocular vision system, supplemented with forward-facing LiDAR and an 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 ≤ 15 m/s
FOV: Horizontal 90°, Vertical 72°
- **Backward**
- **Measurement Range: 0.5-18 m**
Effective Sensing Speed: Flight Speed ≤ 14 m/s
FOV: Horizontal 90°, Vertical 72°
- **Lateral**
- **Measurement Range: 0.5-30 m**
Effective Sensing Speed: Flight Speed ≤ 14 m/s
FOV: Horizontal 90°, Vertical 72°
- **Upward**
- **Measurement Range: 0.5-18 m**
Effective Sensing Speed: Flight Speed ≤ 6 m/s
FOV: Front and Back 72°, Left and Right 90°
- **Downward**
- **Measurement Range: 0.3-14 m**

Effective Sensing Speed: Flight Speed ≤ 6 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 > 1)
Downward:
Surfaces with discernible patterns, diffuse reflectivity > 20% (e.g., walls, trees, people), and adequate lighting (lux > 1)
- **3D Infrared Sensor**
- **Forward-Facing LiDAR**
Measurement Range (nighttime): 0.5-25 m (reflectivity > 10%)
FOV: Up and Down 60°, Left and Right 60°

Downward-Facing Infrared Sensor
Measurement Range: 0.3-8 m (reflectivity > 10%)
FOV: Front and Back 60°, Left and Right 60°

- **Video Transmission**
- **Video Transmission System**
- **O4**
- **Live View Quality**
- **Remote Controller:**
1080p/30fps, 1080p/60fps
- **Operating Frequency**
- **2.4000-2.4835 GHz**
5.170-5.250 GHz
5.725-5.850 GHz

Operating frequency allowed varies among countries and regions. Refer to local laws and regulations for more information.

- **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 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

Measured 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

Measured 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-N3)
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. 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**
- **6 antennas, 2T4R**
- **Wi-Fi**
- **Protocol**
- **802.11 a/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 5.2**
- **Operating Frequency**
- **2.400-2.4835 GHz**
- **Transmitter Power (EIRP)**
- **< 10 dBm**
- **Battery**
- **Capacity**
- **4276 mAh**
- **Weight**
- **Approx. 247 g**
- **Nominal Voltage**
- **14.6 V**
- **Max Charging Voltage**
- **17.2 V**

- **Type**
- **Li-ion 4S**
- **Energy**
- **62.5 Wh**
- **Charging Temperature**
- **5° to 40° C (41° to 104° F)**
- **Charging Time**
- **Approx. 80 minutes (with DJI 65W Portable Charger)**
Approx. 60 minutes (with DJI 100W USB-C Power Adapter and Battery Charging Hub)
- **Charger**
- **Input**
- **DJI 65W Portable Charger:**
100-240 V (AC), 50-60 Hz, 2 A
- **DJI 100W USB-C Power Adapter:**
100-240 V (AC), 50-60 Hz, 2.5 A
- **Output**
- **DJI 65W Portable Charger:**
USB-C
5 V, 5 A
9 V, 5 A
12 V, 5 A
15 V, 4.3 A
20 V, 3.25 A
5-20 V, 3.25 A
- **USB-A**
5 V, 2 A
- **DJI 100W USB-C Power Adapter:**
Max 100 W (total)

When both ports are used, the max output power of one port is 82 W, and the charger will dynamically allocate the output power of the two ports according to the power load.

- **Rated Power**
- **DJI 65W Portable Charger: 65 W**
DJI 100W USB-C Power Adapter: 100 W
- **Battery Charging Hub**
- **Input**
- **USB-C: 5-20 V, max 5 A**
- **Output (power accumulation)**
- **Battery Port: 12-17.2 V, 3.5 A**
- **Output (charging)**
- **Battery Port: 12-17.2 V, max 5 A**
- **Output (USB)**
- **USB-C:**
5 V, 3 A
9 V, 5 A
12 V, 5 A
15 V, 5 A
20 V, 4.1 A
- **Charging Type**

- Three batteries charged in sequence
- Compatibility
- DJI Air 3 Intelligent Flight Battery
DJI Air 3S Intelligent Flight Battery
- Car Charger
- Input
- Car Power Input:
12.7-16 V, 6.5 A, rated voltage 14 V (DC)
- Output
- USB-C:
5 V, 5 A
9 V, 5 A
12 V, 5 A
15 V, 4.3 A
20 V, 3.25 A
5-20 V, 3.25 A
- USB-A:
5 V, 2 A
- Rated Power
- 65 W
- Charging Temperature
- 5° to 40° C (41° to 104° F)
- Storage
- Recommended microSD Cards
- 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 GO! Plus 256GB V30 U3 A2 microSDXC
Kingston Canvas GO! Plus 512GB V30 U3 A2 microSDXC
- DJI RC-N3 Remote Controller
- Max Operating Time
- Without Charging Any Mobile Device: 3.5 hours
When Charging a Mobile Device: 1.5 hours
- Max Supported Mobile Device Size
- 180x86x10 mm (LxWxH)
- Operating Temperature
- -10° to 40° C (14° to 104° F)
- Charging Temperature
- 5° to 40° C (41° to 104° F)
- Charging Time
- 2 hours
- Charging Type
- It is recommended to use a 5V/2A charger.
- Battery Capacity
- 9.36 Wh (3.6 V, 2600 mAh)
- Weight

- **Approx. 320 g**
- **Dimensions**
- **104.2×150×45.2 mm (L×W×H)**
- **Supported Mobile Device Port Type**
- **Lightning, USB-C, Micro-USB**

Using a mobile device with a Micro-USB port requires the DJI RC-N Series 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**

Operating frequency allowed varies among countries and regions. Refer to local laws and regulations for more information.

- **Video Transmission 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)
- **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)



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

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

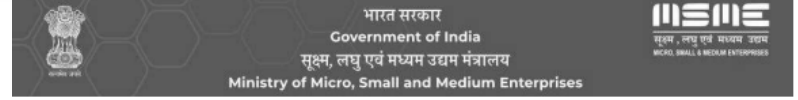
SGE UAV SOLUTIONS PRIVATE LIMITED

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



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:	sgeuav@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



ROOF REPORTS



AERIAL PHOTOGRAPHY



ESTATE AGENTS



CONSTRUCTION



CORPORATE VIDEOS



COMMERCIAL PROPERTY