

# Q6 V2 GEO

Rugged & versatile quadcopter built for delivering success in a wide range of mission-critical applications



Up to  
**5 km** (RLOS)  
Operational Range

Up to  
**45 min. Endurance**  
with Oblique Payload

Up to  
**40 min. Endurance**  
with LiDAR Payload

Up to  
**45 min. Endurance**  
with Photogrammetry Payload

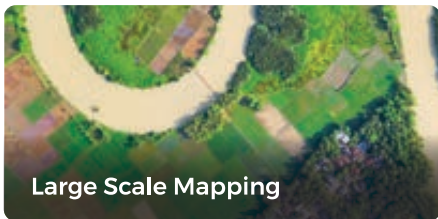
Up to  
**8 kg**  
Take-off Weight

Over  
**1 Sq km**  
with Oblique at 120m AGL  
with 60% side overlap

Over  
**1 Sq km**  
with LiDAR at 120m AGL  
with 50% side overlap

Over  
**1.5 Sq km**  
photogrammetry at 120m  
at AGL with 60% side overlap

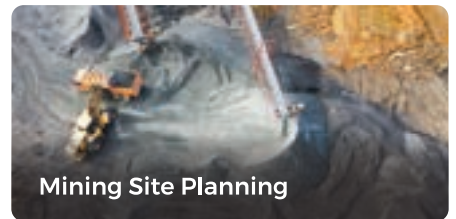
## Applications



Large Scale Mapping



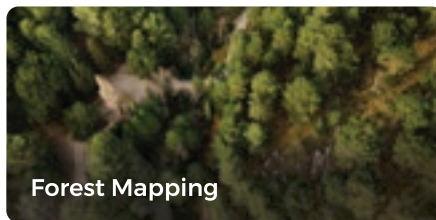
Urban Planning



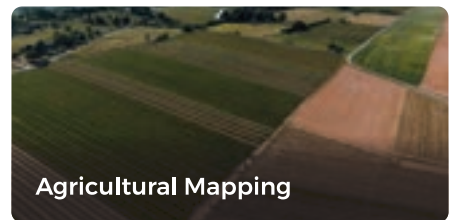
Mining Site Planning



Digital Twin



Forest Mapping



Agricultural Mapping

### Get in Touch

[business@ideaforgetech.com](mailto:business@ideaforgetech.com)

+91 91520 30613

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



Contact us on  
WhatsApp



## Specifications

| Parameter            | Value                                                                    |
|----------------------|--------------------------------------------------------------------------|
| Endurance            | 45 minutes (Up to 1000 m (3280 ft) AMSL Take-off) (Above Mean Sea Level) |
| Range (LoS)          | < 5 km                                                                   |
| Weight               | < 8 kg                                                                   |
| Wind Resistance      | 36 km/h (25 knots)                                                       |
| Ingress Protection*  | IP54 Rated for Dust & Water Resistance                                   |
| Operational Altitude | 400 ft/120 m AGL (Above Ground Level)                                    |
| Max Launch Altitude  | 2500 m AMSL (Above Mean Sea Level)                                       |

## Compatible Payloads



**Indrion LAV**

- Point density : > 100 Pts/m<sup>2</sup>
- Frame Rate: 3,00,000 Pts/sec



**Indrion LXT**



**Indrion M24**

- 24.3 MP  
Photogrammetry



**Naksh Duo P**

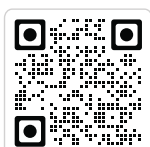
- 30× zoom
- Swap between day/night video in-flight



**Indrion M3D**

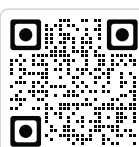
- Resolution: > 120 MP

1. Take off and land safely in complex terrain, such as around tall buildings, with >120-meter VTOL capability.
2. Navigate tight spaces with sharp turning agility.
3. Avoid obstacles around tall buildings effortlessly with GCS-integrated, automatic flight plan adjustments.
4. Accelerate processing with GPS and YPR embedded in image EXIF data.
5. Precise, controlled speed and circular flight captures detailed tall structure and complex asset data.



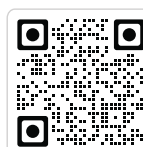
Scan to know more

BlueFire Touch GCS software controls ideaForge UAV operations for mapping and surveillance.



Scan to know more

BlueFire Live! provides secure, real-time video streaming of drone feeds, offering encrypted access for remote users.



Scan to know more

Unlocks drone data's potential with seamless workflows, enhanced collaboration, and rapid, cost-effective cloud analytics.

## ideaForge Technology Limited

✉ [business@ideaforgetech.com](mailto:business@ideaforgetech.com)

☎ +91 91520 30613

🌐 [www.ideaforgetech.com](http://www.ideaforgetech.com)

\*Ingress protection varies depending on the payload | \*\* Specifications are subject to change upon product launch.