

Q6 V2 UAV

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



ideaforgetech.com

Up to
2 km*

Operational range
(VLOS)

Up to
5.9 kg

Take-off Weight

Up to
72 min

Flight Time

Over
2 sq km

Area Coverage with 80/70
Overlap at 120 m AGL

Applications



Defence

Secure your borders with best-in-class ISR UAVs from ideaForge



Public Safety

Prevent, control and solve crimes with ideaForge's state-of-the-art UAVs



Day & Night Vigilance

Conduct all-round day & night aerial operations with ideaForge UAVs to gather situational awareness



Mapping

ideaForge UAVs deliver precision aerial mapping surveys across short or long corridor areas



Disaster

Get quick disaster assessment and make planned rescue operations

Get in Touch

business@ideaforgetech.com

+91 91520 30613

www.ideaforgetech.com



Contact us on
WhatsApp



* 10 km Operational range (Radio Line of Sight)



Q6 V2 UAV

Specifications

Endurance

<72 minutes at AMSL (Above Mean Sea Level)

Range (LoS)

<2 km (VLOS) [10 km range (Radio Line of Sight)]

Weight

5.9 kg

Wind Resistance

36 km/h

Ingress Protection

IP54 Rated for Dust & Water Resistance

Operating Altitude

400 ft AGL (Above Ground Level)

Max Launch Altitude

3000 m AMSL (Above Mean Sea Level)

Compatible Payloads/ Camera Options

HD Daylight Payload

1280 x 720 pixels, 27x Optical Zoom

Thermal Payload

640 x 480 pixels

Mapping Payload

24.3 Megapixel Photogrammetry Payload

Multispectral Payload

16 MP 4 band Camera



BlueFire Touch Ground Control Software



Advanced Mission Replay
with freehand annotations



Supports
Custom Maps



Patented Split Screen
Video / Map view



Built-in Electronic
Image Stabilization



Easy & Intuitive
User Interface



Patented Advanced
Pilot Assistance Systems

Ground Control Station



Terrain Avoidance
to keep your Q6 V2
UAV safe



Waypoint-based
navigation for ease
of flying



Capability to Integrate
with User-Provided Maps



Fail-safe Features
for Communication Loss,
Low Battery

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