

# Q6 Mapping UAV

The Mapping Specialist



Over

**2 Sq km\***

Area Cover with 80/70  
Overlap at 120 m AGL

Up to

**60 min**

Flight Time

**5 cm or Better**

Ground Sampling  
Distance (GSD) at 120m AGL

**Up to 6 kg**

Take-off Weight

**Up to 10 km**

Operational range

Q6 Mapping UAV is ideaForge's Small Category Drone with unmatched flexibility & ease of operation.

## Applications



Mining Site  
Planning



Agricultural  
Mapping



Large Scale  
Mapping



Urban  
Planning



Village  
Mapping



Forest  
Mapping

## Get In Touch

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\* In ideal wind condition and ideal home position as per SOP



# Q6 MAPPING UAV

## Specifications

Endurance

**Up to 60 minutes** (Upto 1000 m (3280 ft) AMSL Take-off)  
(Above Mean Sea Level)

Range (LoS)

**< 10 km\***

Wind Resistance

**36 km/h (20 knots)**

Operating Altitude

**800 m AGL** (Above Ground Level)

Max Launch Altitude

**3000 m AMSL** (Above Mean Sea Level)

Deployment Time

**< 10 minutes**

## Compatible Payloads/Camera Options

HD Daylight Payload

**1280 x 720 pixels, 10x Optical Zoom**

Photogrammetry Payload

**24 MP Camera**

Thermal Payload

**640 x 480 pixels, 320 x 240 pixels**

**Multispectral Payload\*\***

**3rd Party Payload Integration\*\***



## Fail Safe Features

- Multiple GPS
- Return home on low battery
- Return home on high winds
- Return home on communication failure

## Ground Control Station (GCS) Features

- Laptop/Tablet
- Handheld controller for pan, tilt, zoom
- High range Communication Box
- Encrypted uplink & downlink

## Advantages

- High Productivity
- Stress Free Flying
- Fastest ROI for Large Projects
- Lowest TCO\*\*\* for Large Scale Mapping



## Mumbai (HQ)

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