

Q Series UAV

Enterprise Specialist



Over 4 km*
Operational Range

Up to 3.5 kg
Take-off Weight

Over 40 min
Flight Time

All-purpose Quadcopter that delivers success in Industrial applications

Applications



Mapping/
Photogrammetry



Security &
Surveillance



Traffic
Management



Crowd
Management



Inspection



Precision
Agriculture

Q SERIES UAV

Specifications

Endurance

>40 minutes at MSL (Mean Sea Level)

Range (LoS)

>4 km*

Weight

<3.5 kg

Wind Resistance

36 km/h (~20 knots)

Operating Altitude

Up to 400 m AGL (Above Ground Level)

Max Launch Altitude

3000 m AMSL (Above Mean Sea Level)

Vehicle Size

<80 cm x 80 cm

Deployment Time

<10 minutes

Compatible Payloads/Camera Options

HD Daylight Payload

1280 x 720 pixels, 10x Optical Zoom

HD Imaging Payload (PPK Module Optional)

15+ MP

Thermal Payload (Black/White hot)

320 x 240, 640 x 480 pixels

Thermal Payload (Radiometric)

640 x 480 pixels

Multispectral Payload



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

GCS Application Software

- Pre-flight self-checks
- Simultaneous real-time map tracking & video streaming
- In-flight UAV health monitoring
- Live flight parameters

