

# **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

