

HAWKER

Q800X

**DEDICATED TO DEFENCE
& SECURITY**

aeraccess[®]
airborne engineering research



Designed for defence and security operations, the *Hawker Q800X* meets the most demanding specifications in terms of reliability and performance.

With **multi-mission payloads**, the *Q800X* brings real time support solutions optimising tactical field operations.

Used by several armed forces worldwide, the *Q800X* is proven for the battle field as **used in harsh weather environments**, such as winds upto 70 kph and heavy rain.

EOIR payloads with powerfull optical zoom daylight sensors combined with **thermal sensors** provide covert surveillance for **long distance target**. Embedded **real time intelligence** provide features such as **object tracking, target reconnaissance and more**.

The **modular and flexible** aspect of the *Q800X* provide plug and play payloads for **ISR, CBRNe, Mesh Network, Gas measurement** as well as carrying other types of payload using the same platform.



Situational Awareness

Multi-Mission Payload

Surveillance & Reconnaissance





CHARACTERISTICS

Platform

Composition: **Composite & Magnesium alloy**
Weight: **8 kg MTOW**
Total length (from motor to motor):
Q800X: 1130 mm | Q800X-L: 1334 mm

Flight Performance

Flight time with **1 kg payload**:
Q800X: **30 min** | Q800X-L: **50 min** |
Tethered (Elistair Safe-T 2): **Infinite**
Launch time: **3 to 5 minutes**
Flight Speed: Ground Speed **60 kph**

Environment

Temperature: **-20°C to 50°C**
Precipitation: **IP54**, rain 10 mm/h
Wind: **sustained / gust**
Q800X: **70 kph / 90 kph**
Q800X-L: **50 kph / 70 kph**

Payloads

Hotswappable: **No tool needed**
Max payload weight: **5 kg**
Day/Night operations: **EO, IR**

Camera Sensors:

EO: **4K (20x) | Full HD (30x) optical zoom**
LWIR / SWIR: **640 / 320** with different lenses, **Zoom**
Low light: **Photonis Nocturn sensors**
Photo: **61 Mpx for mapping**

Sensor:

Distance measurement: **5 km Laser Range Finder**
CBRNe: **Mirion SPIR Explorer, Arktis**
IMSI Catcher: **Octasic, Revector**
Gas Leaks/Measurement: **Sniffer (Aeromon BH-12), Laser**
Magnetic detection: **Mag4R**

Datalink

Frequency: **2.4 GHz | custom frequencies available**
Encryption: **AES 256 Encryption** for video & data
Range: **5 km standard, optional 15 km**



ONE MAN OPERATION



TETHERED SOLUTION



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