



Snyper Mk II™ UHV-T

Aerial targets

The Snyper Mk II Unmanned Helicopter Vehicle – Target (UHV-T) is a proven Micro-UAV threat replication system. It is intended for training of Military Operations in Urban Terrain (MOUT), Force Protection (FP) of vital physical and/or human assets and can be operated in a variety of frequencies to test the electronic attack capability of modern warfare systems.

The Snyper Mk II UHV-T is specifically designed to emulate the emerging Micro-UAV threat. It can be employed for tactical development of FP concepts, for test and evaluation of weapons and/or sensors, electronic warfare and live-fire training. The Snyper Mk II is rapidly deployable and can be flown on the QTS proprietary ground station or commercial-off-the-shelf ground stations for maximum flexibility.

The Snyper Mk II UHV-T is currently offered for a variety of roles including the following:

- Tactical role - The Snyper tactical variant is equipped with a High Definition EO camera and is ideal for surveillance and 'over watch' capability.
- Swarm role - The Snyper is configurable to a 'swarm' variant and can be operated with up to 40 vehicles. During swarm operations, one the Snyper's is programmed to be the leader and the rest in a 'follows' position.
- Target role - The Snyper target variant is equipped with QTS common payloads typically used in a target training scenario, for example, IR, passive and active augmentation, etc. The target variant is also equipped with an IP camera for forward looking situational awareness.

Key features

- Micro-UAV threat replication for military and law enforcement live-fire training
- Available in four, six or eight rotors
- Line-of-Sight and Beyond Line-of-Sight control capable
- Proven capability to operate in high winds
- Can be fitted with weapon performance measurement equipment (scoring, active or passive augmentation)
- Configured for Tactical, Swarm or Target roles

Specifications

Performance

Take-off Weight:	
Max	13.5 kg
Recommended	9.0 kg
Payload	~4.5 kg
Communications	Line-of-sight or BLOS
Speed	12 m/s
Hover Accuracy	1.5m +/-
Range	Up to 8 km
Altitude (max)	18,000 ft MSL (default program limit 295 ft AGL)
Weather (operating)	-10°C - +40°C
Endurance:	
Maximum	40 mins (with dual battery)
Nominal	23-25 mins
Power Consumption:	
Maximum	3500w
Hover	~1000w

Typical Payloads

Various EO/IR packages
Are Weapons Effect Simulator (AWES) compatible
Variety of Frequencies (433 MHz, 900 MHz, 2.4 GHz, 5.8 GHz)
Scoring (radar or acoustic)

Note: Due to continuous process improvement, specifications are subject to change without notice.



Multi role unmanned helicopter vehicle to provide realistic test, evaluation and training opportunities.

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