

T-Hawk™

**Honeywell**



UNMANNED MICRO AIR VEHICLE

**Eye in the Sky Protects Lives with  
Real-Time Situational Awareness**

**Find out more**

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**Honeywell**

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# Honeywell's T-Hawk™ – A solution that will change your point of view.

**CHALLENGE: PROTECT LIVES**  
Real-time command and control feedback is essential for mission success.



T-Hawk's forward reconnaissance fills information gaps with real-time images that support safer, more secure situations.

T-Hawk provides aerial intelligence to support safety and security for people, borders, and perimeters.

Using its infrared camera, T-Hawk locates roadside IEDs and protects convoys.

## Solution: T-Hawk™

Honeywell's T-Hawk is an unmanned micro air vehicle that provides real-time situational awareness in critical situations. It features combat-proven operational capabilities that support multiple applications.

- Fits in a backpack – it can even be deployed from a vehicle
- Easy to assemble and can be airborne within 10 minutes
- Simple to fly with minimal training
- Able to take off and land vertically
- Persistent hover-and-stare capability
- Fully operational day, night, and in most weather conditions

**Advanced reconnaissance and situational awareness can mean the difference between mission success and failure.** The T-Hawk is a technology asset to help make informed decisions that protect people.



- ▶ Fits in a backpack
- ▶ Vertical take off and landing
- ▶ Fly in most weather, day or night
- ▶ Hover and stare; follow and zoom
- ▶ Ducted fan propulsion improves safety and ease of flight
- ▶ Performance: 10,000 ft. ceiling; 46 mph; 50 min. endurance
- ▶ Gimbaled camera records in color and infrared

## T-Hawk™ Performance

<b>Air Vehicle Performance</b> (at 100°F / sea-level)	
50 minutes endurance	
25 ft/sec (7.6 m/sec) rate of climb	
46 mph (40 knot) airspeed	
Take off and landing in 17 mph (15 knot) winds	
Fly in 23 mph (20 knot) winds, rain	
10,000 foot (3,048-meter) service ceiling	
<b>Operational Environment</b>	
Temperature: 20 °F to 120 °F (-7 °C to 49 °C) (based on COTS sensors)	
Humidity: 100%	
Salt, fog, sand and dust	
<b>Payloads</b>	
Interchangeable payload pods with daylight & infrared cameras and user-selectable data links	
<b>Video Recording</b>	
Ground station stores 240 minutes of sensor imagery	
<b>Flight Modes</b>	
Autonomous flight with dynamic re-tasking and manual intervention	
<b>Fuel</b>	
Gasoline, non-volatile lubricants	
Electronic Control Unit provides increased vehicle efficiency through fuel injection	
<b>Communications</b>	
3–6 mile (5–10 km) range with common military UAV frequencies	

# T-HAWK™