

# STEALTH & RUGGED

Real-time tracking for precise intelligence, surveillance and reconnaissance of critical areas



**50**

Up to 50 km range of encrypted communication

**1800**

M EO human detection distance

**135**

Up to 135 min endurance

**8**

min deployment time

Expert Line

# DT26M

THE LONG RANGE TACTICAL UAV  
SECURE SENSITIVE AREAS OVER  
LARGE DISTANCES

## INDUSTRIES



Security & Defense

## KEY APPLICATIONS

Intelligence, Surveillance, Target Acquisition & Reconnaissance (ISTAR)

Patrol and Convoy Escorting

Target Acquisition and Damage Assessment

Discreet Surveillance Missions in Sensitive Areas

Border Security

## KEY DIFFERENTIATORS

**Unrivalled image quality** with on-board stabilization, video tracking, movement detection, human detection at a distance of more than 1.5 km, both night & day. Real time encrypted video transmitted in a 50 km range.

**Safety:** advanced automatic fail safe modes, with emergency parachute. Safety analysis conducted according to Aeronautical Standards, namely ARP4761.

**Rugged:** field-proven in the harshest conditions (desert, rocks, mountain, tropical forest, snow, etc.), capable of landing on any type of ground, with robust protection for the payload.

**Stealth & mobile:** the DT26M is silent (undetectable by night), has no radar signature and can be deployed in the field within minutes by a single operator.

## UAV SPECIFICATIONS

Endurance <sup>1</sup>	Up to 135 minutes
Weight (payload included)	15 kg
Wingspan / Length	3.3 m / 1.6 m
Material	Composite (fiberglass, carbon, kevlar), EPP foam
Deployment time <sup>1</sup>	8 min
Take-off / Landing	Catapult / Belly (all terrain)
Cruise speed	57 km/h (31 kts)
Very low cruise acoustic signature	< 80 dBA (acoustic pressure converted at a distance of 1 m)

### ITAR FREE

Communication range <sup>1</sup>	Up to 50 km
Communication link	C-band (L-band, S-band also available on request)
	Encryption AES256
	Agile mesh, multi-node topology
Detection / Recognition / Identification (field measurement)	EO Human: 1800 m / 1250 m / 1000 m EO Vehicle: 8500 m / 4500 m / 3600 m IR Human: 1000 m / 500 m / 300 m IR Vehicle: 1800 m / 1000 m / 500 m

### Operating conditions

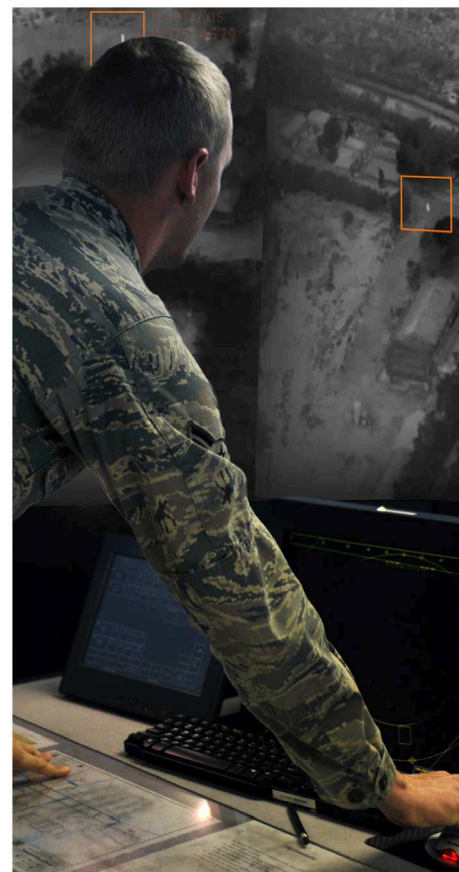
Wind resistance - Weather	50 km/h, moderate rain, -15 to 50°C (at sea level)
Take-off & landing altitude / ceiling <sup>1</sup>	0 to 2300 m ASL @ 0° / 3000 m
Landing accuracy	Typically: 10 m x 20 m / Recommended: 20 m x 40 m

## SENSOR

### Gyrostabilized EO/IR video camera

Pan - Tilt / Angular resolution	Infinite range / 25 µRad
EO specifications	Zoom: x 36 optical / FOV: 1.7 to 56° / Resolution: 720 x 576 px
IR specifications	Zoom: Digital (continuous) / FOV: 17.7° / Resolution: 640 x 480 px / Wavelength: 8 to 14 µm
Tracking	Videotracking, geotracking, simultaneous mobile object tracking (up to 4), «click and track» feature

Advanced image stabilisation  
Onboard image enhancement (contrast, shutter, gain)



## DELIVERABLES

### REAL TIME VIDEO, SCREENSHOT FEATURE, ON BOARD RECORDED HIGH DEFINITION VIDEO

- Actual results may vary depending on UAV configuration, battery age and condition, and operational, environmental and climate conditions.

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Specifications subject to change without notice to improve reliability, function or design or otherwise.  
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