

STEALTH & RUGGED

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



Expert Line

DT26M

THE LONG RANGE TACTICAL UAV
SECURE SENSITIVE AREAS OVER
LARGE DISTANCES

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

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

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

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 ¹	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 ¹	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)

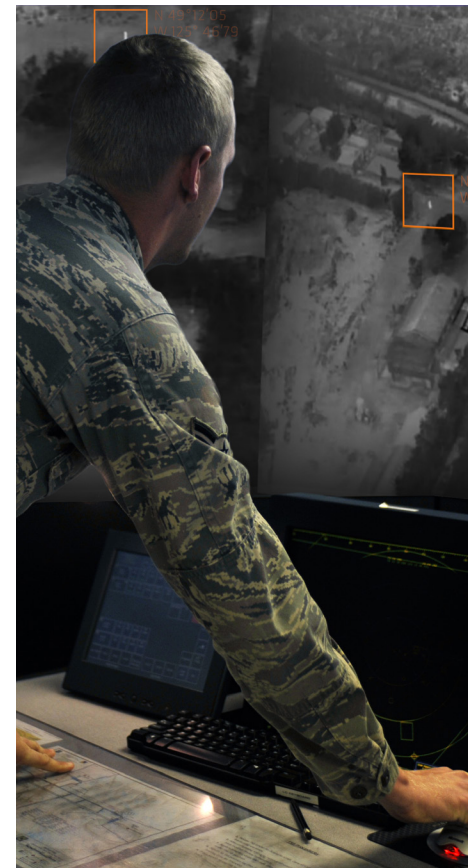
ITAR FREE

Communication range ¹	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 Vehicule: 8500 m / 4500 m / 3600 m
	IR Human: 1000 m / 500 m / 300 m
	IR Vehicule: 1800 m / 1000 m / 500 m

Operating conditions

Weather	50 km/h wind, moderate rain, -15 to 50°C (at sea level)
Take-off & landing altitude / ceiling ¹	0 to 2300 m ASL @ 0° / 3000 m
Landing accuracy	Typically: 15m x 50m



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.

June 2018 version B.

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