

SECURE & ROBUST

Benefit from night and day long-range surveillance



30
Up to 30 km
communication
range (250m AGL)

1800
EO human
detection distance

135
Up to 135 min
endurance

8
min
deployment
time

Expert Line

DT26X Surveillance

LONG-RANGE SMALL UAV,
SURVEY AND MAP WITH EASE

INDUSTRIES



Power & Utilities



Oil & Gas



Security & Defense



Railways & Roads



Mines and Quarries

KEY APPLICATIONS

- Intelligence, Surveillance & Reconnaissance (ISR)
- Discreet Surveillance
- Missions in Sensitive Areas
- Day & Night Routine
- Surveillance of Industrial Sites
- Emergency Response
- Wild Fire Management
- Natural Disaster Management
- Anti-poaching Operations

KEY DIFFERENTIATORS

Unrivalled image quality with on-board stabilization, video tracking, movement detection, human recognition at a distance of more than 1.5 km, both night & day. Real-time video transmitted at a 30 km range.

Safety: advanced automatic failsafe 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 surface, with robust protection for the payload.

Stealth & mobile: the DT26X is silent (undetected at night) and can be deployed in the field within minutes by a single operator.

UAV SPECIFICATIONS

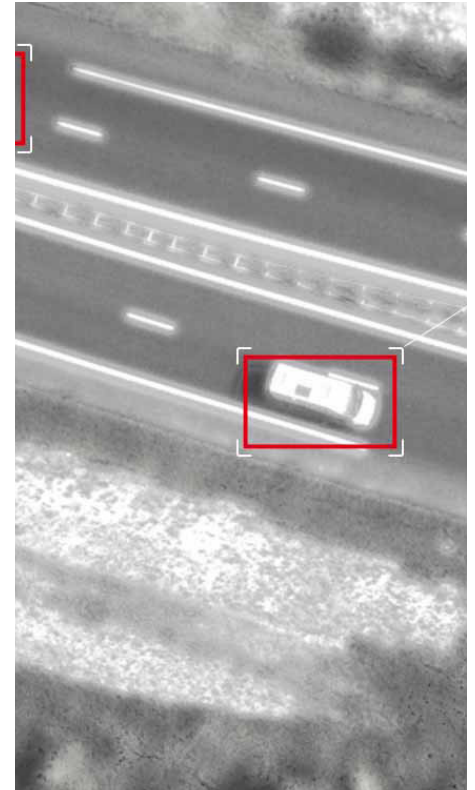
Endurance ¹	Up to 135 minutes
Weight (payload included)	15 kg
Wingspan / Length	3.3 m / 1.6 m
Material	Composite (fiberglass, carbon, kevlar), EPP foam
Deployment time ¹	8 min
Take-off / Landing	Catapult / Belly (all terrain)
Cruise speed	57 km/h (31 kts)
Communication range ¹	Up to 30 km (250m AGL)
Very low cruise acoustic signature	< 80 dBA (acoustic pressure converted at a distance of 1 m)

ITAR FREE

Detection / Recognition / Identification (field measurement) ¹	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, «click and track» feature

Advanced image stabilisation
Onboard image enhancement (contrast, shutter, gain)
Detection of multiple moving objects

¹ 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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DELIVERABLES

REAL TIME VIDEO AND SCREENSHOT FEATURE.

ANALYTICS

ON-LINE FEATURES: POSSIBILITY TO STORE OR REPLAY THE WHOLE FLIGHT



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