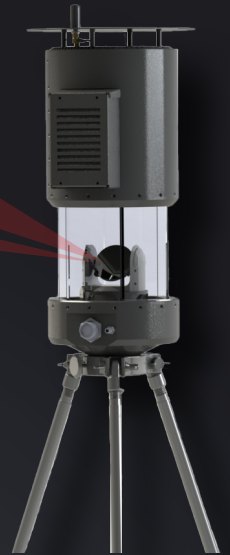


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65765.32146



MeduzaX

Tactical Drone Detection System

OPTICAL RADAR WITH 360° COVERAGE

Rapidly scans the entire area within seconds, ensuring no blind spots

100% PASSIVE OPERATION

No emissions, no radiation - undetectable by adversaries

THERMAL & DAYLIGHT FUSION

Reliably recognize drones and UAVs in all weather and lighting conditions

ULTRA-PORTABLE & LIGHTWEIGHT

Weighing just 12 kg, enables rapid deployment anywhere

AI-POWERED THREAT DETECTION

Advanced Deep Neural Network with Auto Target Recognition (ATR) classifies threats with precision

LOW MAINTENANCE, FIELD-READY

Engineered for rugged environments with minimal upkeep required

Optical Precision. Rapid Response. **Total Control.**

01

MULTI-UAV RECOGNITION

Accurately detects and classifies unlimited quadcopters and fixed-wing drones

02

REAL-TIME TRACKING

Continuously monitors airborne threats with precision

03

SEAMLESS INTEGRATION

Fully compatible with a wide range of mitigation systems through the MeduzaX C2I platform

04

VERSATILE DETECTION RANGE

Delivers precise threat detection from short distances to long-range coverage of up to 4 km



A Cutting-Edge Solution for Comprehensive Aerial Threat Recognition

REAL-WORLD APPLICATIONS

- + **Military & Special Forces** – Covert intelligence gathering and battlefield awareness
- + **Convoy Protection** – Mobile, real-time drone threat detection for on-the-move security
- + **Critical Infrastructure Security** – Safeguarding power plants, airports, and **other high-value assets**
- + **Manouvering forces**- fast deployment and coverage in ever changing battle field
- + **VIP & Executive Protection** – Preventing drone-based surveillance and threats
- + **Counter-Espionage** – Blocking unauthorized aerial reconnaissance and intelligence gathering



MeduzaX		Battery & Power	
Unit Weight	12 kg (26.46bs)	Rechargeable lithium-Ion battery, quick release and reload battery	
User Feedback	Visual, Audible	Common NATO-standard military grade battery	
Dimensions	30 x 50 x 30 cm (11.8" x 19.7" x 11.8") (excluding Tripod)	Main Battery	40Ah @ 25.2V, Lithium-Ion Polymer
Sensors		Battery Weight	1.2 kg (2.6lbs)
Sensor Technology	Cooled MWIR	Battery Dimensions	>71mm x 41mm x 86mm (2.8" x 1.6" x 3.4")
Array Format	1280X1024	Operating Time	24 Hours
Imager Type	CMOS	Operating temperature	-10°C - +40°C
Array format	5328 (H) x 3040 (V)	Target Recognition	Drone and Fixed Wings