

iN INTERCEPTOR-MR

AUTONOMOUS LOW COLLATERAL
MEDIUM RANGE UAS INTERCEPTOR



END TO END CUAS CAPABILITY

iNTERCEPTOR-MR is our AI enabled UAS that offers an intelligent, cost-effective and low collateral solution to neutralise hostile drones. Designed to address threats in all environments, this high-speed craft is capable of defeating Class I & II drones head on from up to 5km+.

Using a range of sensors to accurately detect, verify and respond to UAS threats, the Interceptor is embedded with NiDAR CORE intelligence, enabling operators to launch this new, agile system in order to defeat fast, high manoeuvring targets.

The Interceptor is housed in a vertical smart launcher connected to the NiDAR sensor infrastructure. Once a threat is detected, the operator deploys the Interceptor from the launcher.

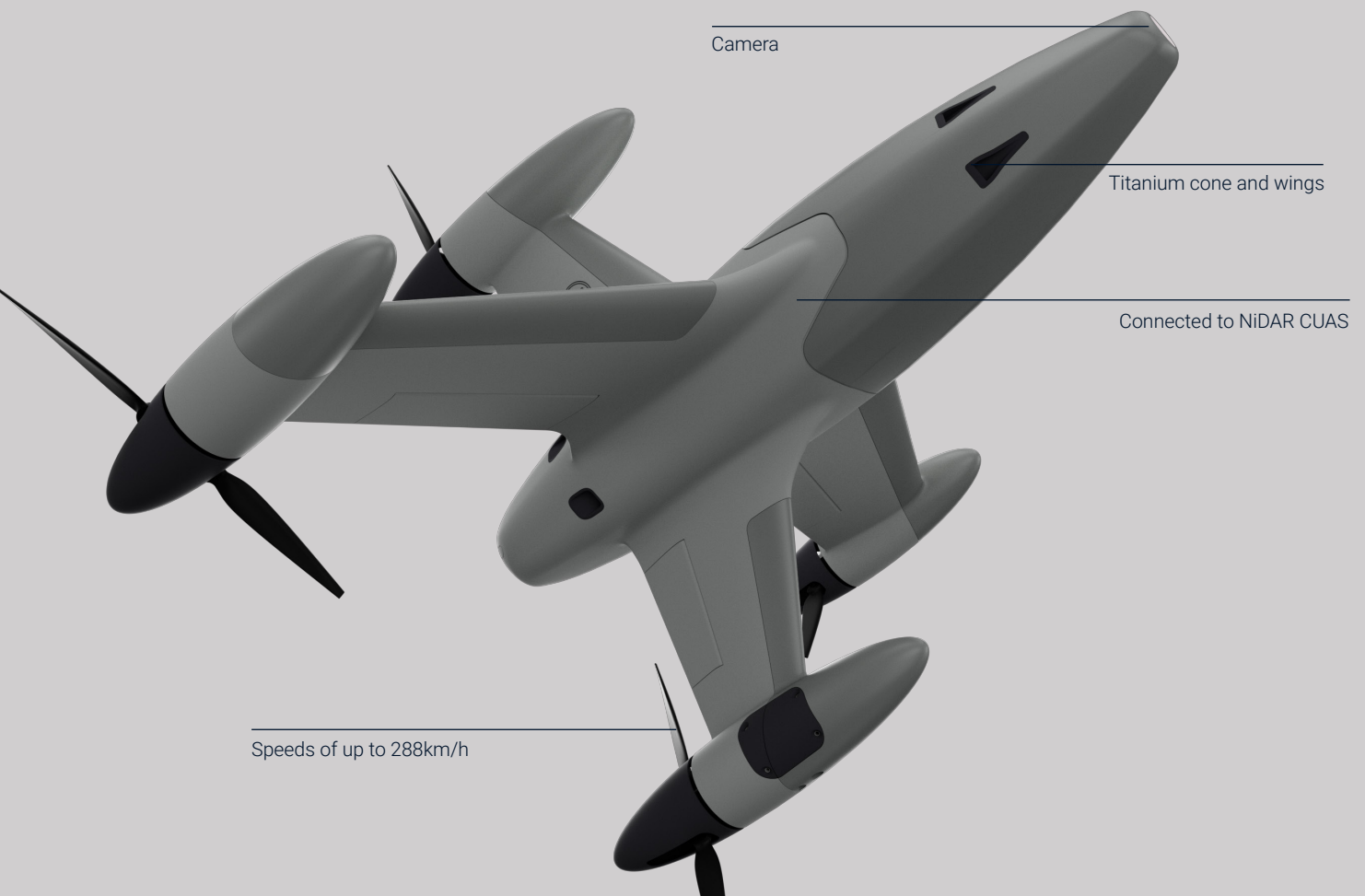
The system acquires the target using onboard AI imaging and pursues the enemy with dogfight manoeuvrability at altitudes up to 2 km with speeds over 80m/s.

DEFEATS CAT I / II UASS

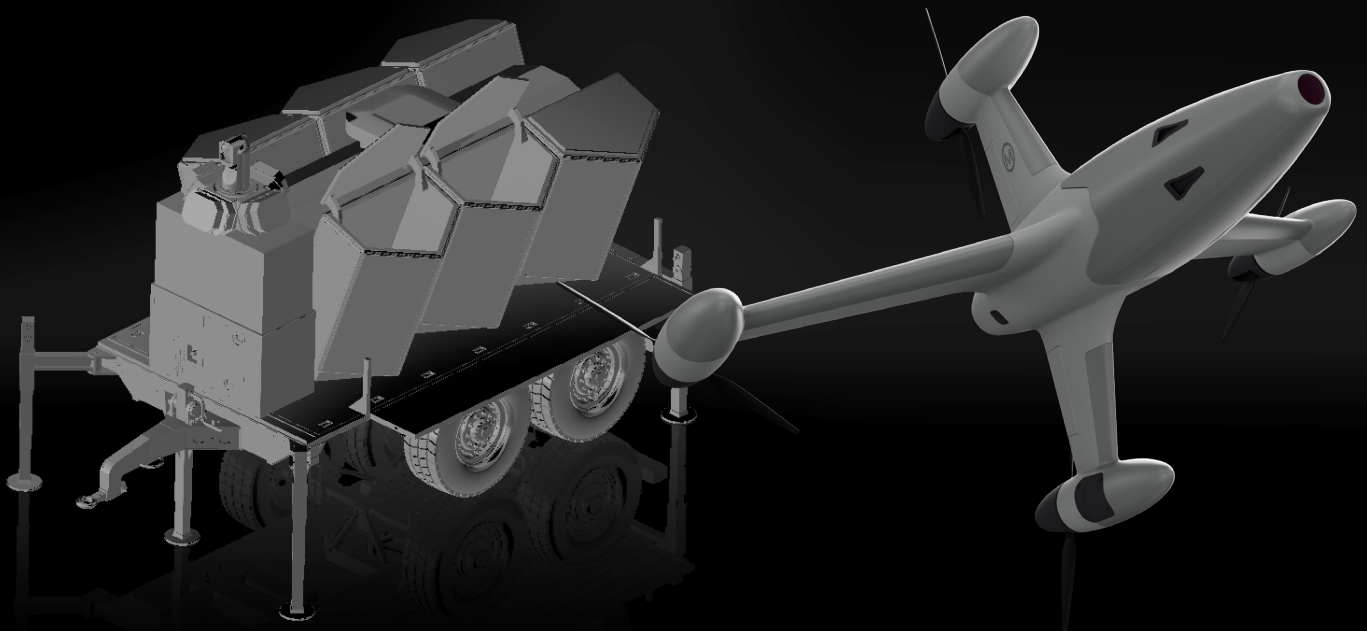
CRASH INTO AIRBORNE THREATS AT
SPEEDS UP TO 80M/S

OVER 5KM RANGE TO INTERCEPTION

INHERENTLY SAFE, NO EXPLOSIVE, NO FUEL



PERFORMANCE	INTERCEPTION RANGE	>5km
	ALTITUDE	>2km
	MAXIMUM SPEED	80m/s / 288km/h
	BATTERY CHARGE TIME	20min
	PROPULSION	Electric DC Brushless Motors with open Props
	SENSORS	EO/IR Comms - Connected to NiDAR CORE / NiDAR CUAS
DIMENSIONS	WEIGHT	8kg
	WINGSPAN	900mm
	LENGTH	800mm
	PAYLOAD MASS	>1kg
LAUNCHER SPEC	RESPONSE TIME	<3sec
	TYPE	Light-weight (<3kg) Mechanical Assist
	USAGE	Re-usable
	SENSORS	Integrated EO/IR Targeting sight with NIDAR on the edge
	ENVIRONMENTAL CONDITION	Operational -10°C to +50°C



MARSS

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