

COCKERILL® i-X

The first-ever ground interceptor

Extreme Velocity

High Firepower

Adaptative Stealth

Ultra-connected
System



johncockerill.com/defense



Where the excellence of our weapon systems technology combines with the know-how of Rally Raid performance



Born from the merger of our technically excellent weapon systems and the experience in rally raids, the Cockerill i-X breaks the code and imposes a new paradigm for military land operations

Having excellent mobility on any type of ground and achieving unrivalled speeds in defence theatres of operation, the Cockerill i-X is the first land vehicle to embody the DNA of the interceptor

Technical specification

Max road speed	200 km/h
Max desert track speed	160 km/h
Range total	600 km
Range full electric	30 km
Sprint 0 – 100 km/h	6 sec
Brake 100 – 0 km/h	40 m
Engine power	Thermal : 750hp Hybrid : 800hp
Protection	Ballistic : Level 2 STANAG 4569 Anti-mine : Level 3 STANAG 4569
High-performance suspension	
Built-in jacks to lift the vehicle from soft sand	
Transportable by Air (plane, helicopter, droppable by parachute), Sea and Land (train, truck)	
Main armament	25mm (Dual feeder with 120 Ready rounds) 30x113mm (120 Ready rounds)
Anti-Tank	ATGM (2 – 4 ready missiles) Rockets: 7 tubes rocket launcher - LAV
Secondary armament	7.62mm with 400-600 Ready rounds 12.7mm with 400 Ready rounds
Sight	360°, 2-axis Stabilized (TV/IR/LRF)
Image Fusion	Merging of Thermal and Day images
Tracking System	Multi-systems
Elevation	-10°/+60°
D/R/I	Colour Day Cameras: 16.8 / 8.3 / 4.5 km Thermal Imager: 13.5 / 6.1 / 3.1 km
Crew	One gunner and one driver

Rapid, Stealth and ultra connected with an integrated Remote Deployable Weapon System

Innovative and adaptive capabilities for different types of operations and levels of engagement



The Man-Machine Interface of the Interceptor is based on the Cockerill® “Smart Helmet”, which is worn by the operator, and features an **intelligent multimodal engine** allowing the management of information of the weapon system and with interactions that will be visual, auditory and vocal. All this while ensuring a measured control of the cognitive load of the operator during his mission, by using an interface that will be as intuitive as

possible. The interface is no longer seen as a «passive» device but becomes **intelligent, efficient, immersive and uses the natural interaction capabilities of the operator**, in a more ambitious context of use than usual (speed of action, multi-target, rapid movement of the vehicle).

The Cockerill i-X integrates the “Information Superiority” capabilities with an efficient combination of:



- **Data Collection** with high-performance sensors to get situational information.
- **Data Processing** with intelligent embedded algorithms based on Artificial Intelligence to perform threats Detection-Identification-Location and Assessment, enhanced decision aid to the operator.
- **Data Sharing** : Teaming and adaptive cooperation between equivalent system from the squad by sharing data in order to take best decisions and to share priorities.
- **Operator-System Interface** is using a **Smart Helmet** which integrates multimodal interactions capabilities directly linked to human senses (Vision, Audio, Vocal, haptic) to take intuitive, rapid & efficient actions.
- **Stealth enhance with appearance management of**
 - The retractable weapon system
 - Adaptive Camouflage and IR signature



We wanted the Cockerill i-X to be a **breakthrough combat system** for territorial defense interception able to engage and defeat, by controlled means of force, any incoming threats before they reach their objective.

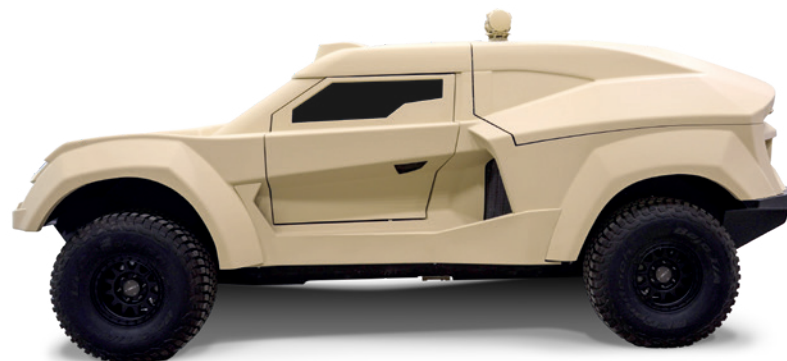
The Cockerill i-X embodies the essence of the operational superiority factors to be mastered on the battlespace using **higher velocity, firepower, stealth and embedded intelligence**.

...it will **change the rules** of land engagement.

Thierry Renaudin

President of John Cockerill Defense

A game changer for land engagements



Retractable weapon system **PATENTED**

- Equipped with a retractable and modular multi-capable weapon systems adapted to the mission
- Increased Stealth, less prone to be spotted when the weapon is concealed
- Excellent vehicle handling due to lower CoG and reduce aerodynamics drag
- Neutral appearance in peace keeping missions

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