Cub Elecparts 2025 H2 Investor Briefing

www.cubelec.com

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- Actual results may differ materially from such statements due to factors including, but not limited to, market demand, price fluctuations, competitive conditions, and global economic circumstances.
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1
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CUB Introduction

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Company Overview

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Cub Group Core Technology

RF Technology, Sensor and Switches

Mastering core RF technologies to enable low-latency, highly stable signal transmission, forming a solid foundation for all sensing systems.

mmWave Radar

Industry-leading 60GHz / 77GHz / 79GHz millimeter-wave radar technologies deliver precise detection capabilities across automotive, smart healthcare, and security applications.

AI Thermal & Security Imaging

With extensive design and R&D experience, we deliver superior processing capabilities in visual imaging, thermal imaging, and AI-driven video analytics, safeguarding critical security blind spots.

Wireless & Transportation SI

With over 20 years of system integration expertise across military, communications, AI-powered surveillance, and rail applications.

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Financial Statement

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Income Statement (2020~2025Q3)

NTD Thousand	2020		2021		2022		2023		2024		2025 Q1~Q3	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	**Amount**	**%**
Net sales	3,340,199	100	4,080,435	100	3,957,949	100	4,397,594	100	4,670,759	100	**2,601,213**	**100**
COGS	2,067,788	62	2,409,425	59	2,313,881	58	2,649,478	60	3,135,319	67	**1,658,222**	**64**
Gross Profit	1,272,411	38	1,671,010	41	1,644,068	42	1,748,116	40	1,535,440	33	**942,991**	**36**
OP Expense	886,043	26	1,078,348	26	1,191,354	30	1,290,599	30	1,222,457	26	**875,480**	**33**
OP Profit	386,368	12	592,662	15	452,714	12	457,517	10	312,983	7	**67,511**	**3**
Profit before tax	292,503	9	582,507	14	634,612	16	477,441	11	689,774	15	**(112,686)**	**(4)**
Consolidated income	244,534	8	515,928	12	629,723	16	450,954	11	474,882	10	**(8,236)**	**-**
EPS	2.03	-	4.23	-	4.7	-	3.20	-	3.37	-	**(0.06)**	**-**
Capital	1,219(M)		1,219(M)		1,341(M)		1,409(M)		1,409(M)		**1,359(M)**	

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Product Lines

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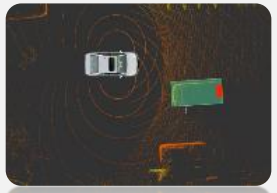
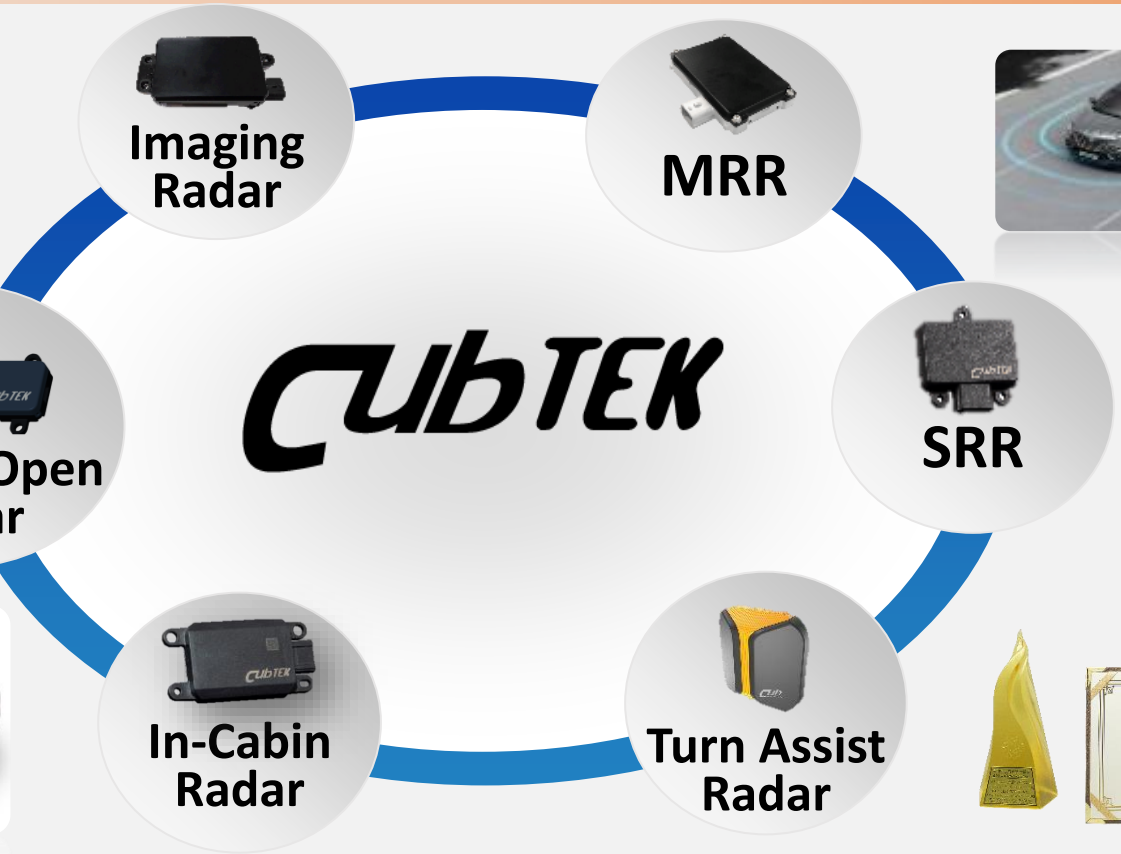
Cub Group Product Lines

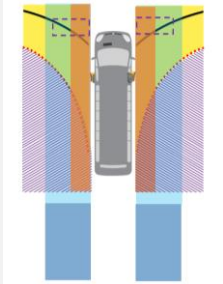
Cubtek- Comprehensive mmWave Radar Product Portfolio

CES 2022: Co-announced 4D Imaging Radar in collaboration with NXP.



★In-Cabin Radar
Adopted by numerous major OEMs





【Turn-Assist Radar】
2022 Taiwan Excellence Gold Award

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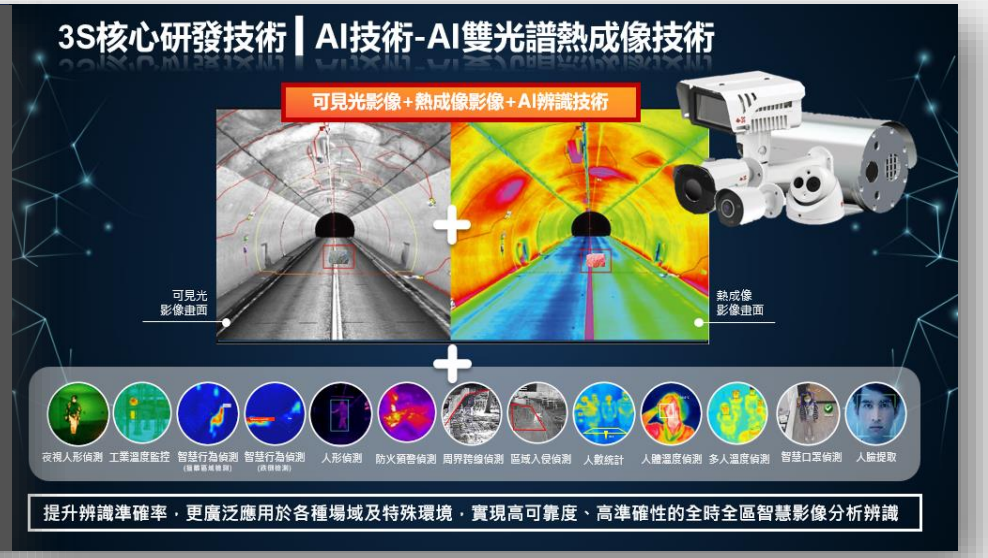
Cub Group Product Lines

3S - AI & Thermal Imaging, Edge AI

NDAA NATIONAL DEFENSE AUTHORIZATION ACT | TAA COMPLIANT | GSA Schedule
Contract # #47QTCA24D0011



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Cub Group Product Lines

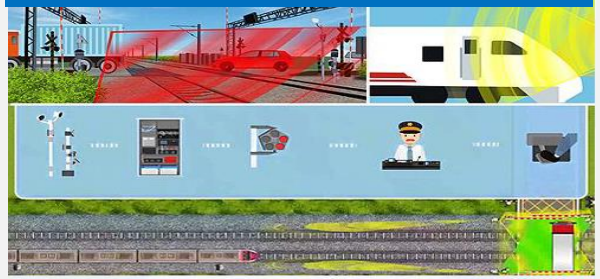
Harbinger - Wireless Communication & System Integration

HARBINGER HARVEST

Radio Communication System

5G + Radio communication system integration

Level Crossing Automatic Obstacles Detection System



Level Crossing Barrier System

Tunnel Communication System

Axle Temperature And Pantograph Detection System

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Cub Growing Momentum

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Cub Growth Drivers

Product Roadmap

Switches and Sensors

Universal & Ball TPMS

ADAS & mmWave Radar

Growth Drivers

Intelligent Transportation & Security | Active Warning Systems

Counter-Unmanned Aircraft Systems Solution

mmWave AI Perception Radar
- Drones, Robots, Elder Care & Fleet management

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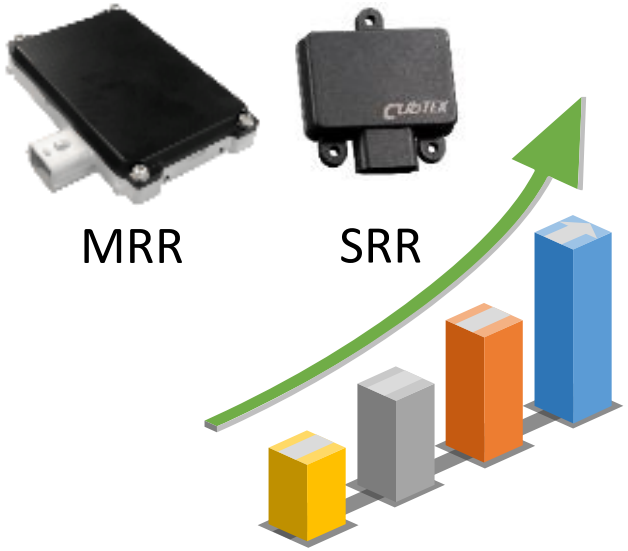
mmWave Radar: Expanding Global Footprint

Preferred Partner for Leading Global Tier1

Global automotive industry faces pricing pressures, driving changes in supply chain resource allocation.A trend has emerged where the top five international millimeter-wave radar suppliers outsource joint radar development.

Under this trend, **Cub Group is the preferred partner** offering complete innovative design and manufacturing solutions.

Partnering with Top 5 Global Tier-1 for Passenger & Commercial Vehicle Radar



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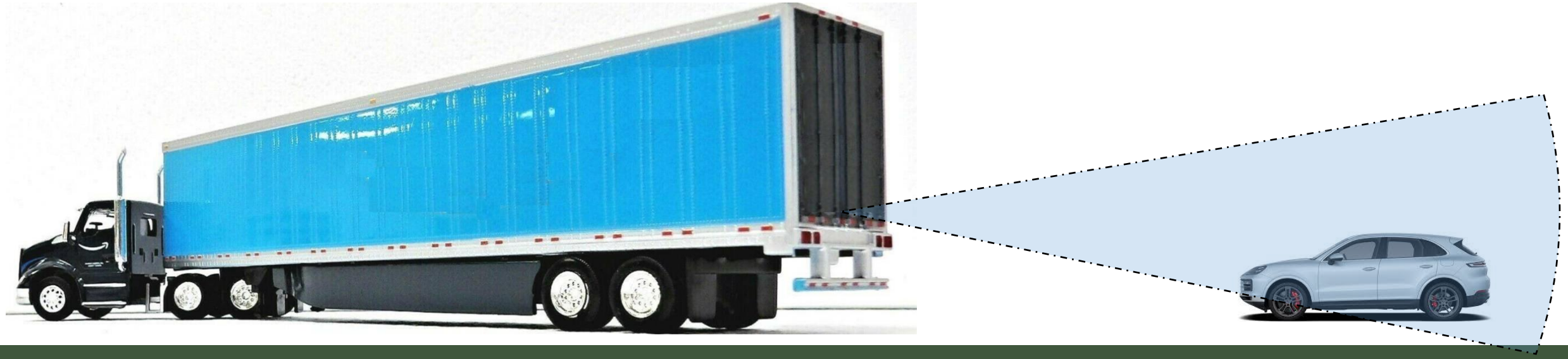
mmWave Radar: Expanding Global Footprint

Successfully Deployed Safety Systems in U.S. Major E-Commerce Fleet

Major U.S. e-commerce logistics fleets are actively adopting ADAS to reduce accident risks and insurance costs. With comprehensive innovation in design and manufacturing, **Cub has become their most trusted partner.**



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mmWave Radar: Expanding Global Footprint

Expanding Across Diverse Specialty Vehicles

Successfully secured **partnerships with major specialty vehicle fleets**. Leveraging mature and reliable technology along with comprehensive solutions, we continue to deepen customer trust and enhance fleet safety and operational efficiency.

Cement mixer

Mining

Sanitation

Engineering

RV

Motorcycle

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mmWave Radar: Expanding Global Footprint

Expanding Across Multiple Applications

Elder Care

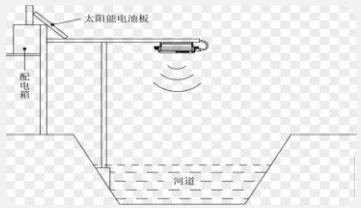
Smart Transportation

mmWave Radar

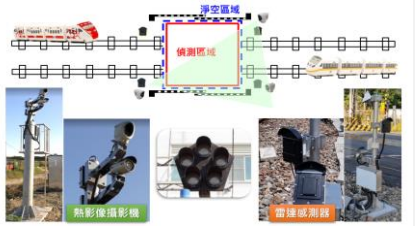
Smart Security

Track Application

智慧路口監測及安防



安防監測



台鐵平交道障礙物偵測

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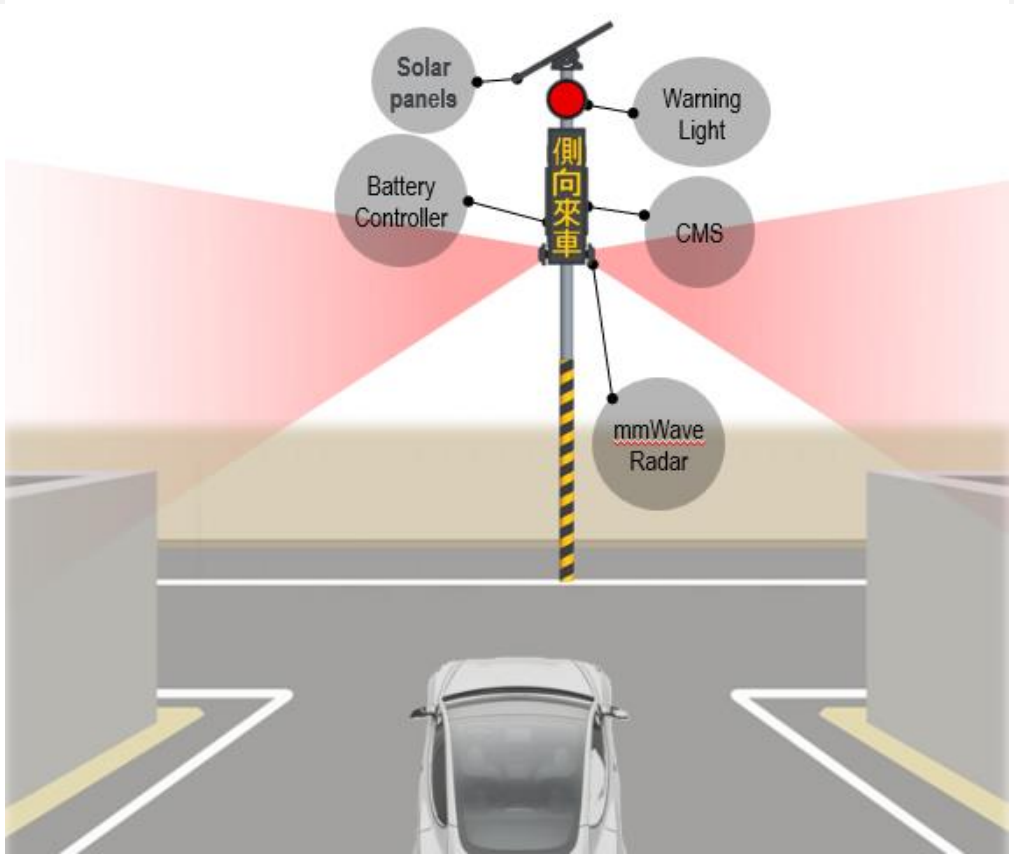
Smart Transportation and Security

Intelligent Crossroads Detection Warning System



CUB Intelligent Crossroads Detection Warning System

The sy

radar technology to detect oncoming vehicles on the main road, activates warning lights and CMS to warning oncoming vehicles on the side roads. The Users can be reminded from a distance and respond early to reduce the accident rate at the Crossroads.

※This system is very flexibly to adjust the detection area and distance according to the complexity of each crossroad.

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Smart Transportation and Security

Public Space for Private Care Radar Monitoring

Advantage

1. Non-Visual Sensing
Camera-free, no facial or identity recognition, completely privacy-friendly.

2. Ultimate Privacy Protection
符合GDPR等國際個資法規，適用於更衣室、廁所等私密空間。

3. Rapid Target Detection and Alarm
GDPR-compliant, suitable for private areas like changing rooms and restrooms.

mmWave Radar Technology
Utilizes high-frequency millimeter-wave bands to accurately sense human motion, posture, and vital signs.

(Fall Detection
AI detects posture changes and triggers alerts in under 1 second, ensuring critical response time.

Vital Signs
Contactless measurement of heart rate and respiration, reducing the risk of cross-infection.

(Dwell & Occupancy
Detects abnormal prolonged inactivity and monitors spatial occupancy distribution.。

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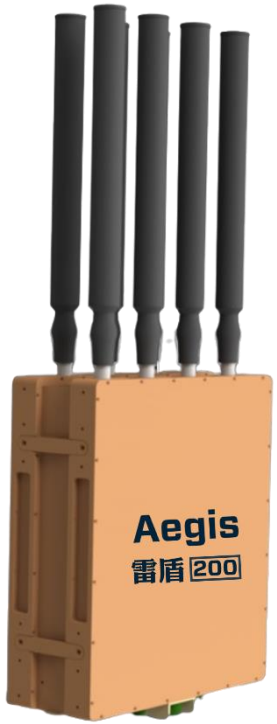
The World Best C-UAS Solution

Aegis Product Series

RF
Detection

Aegis 100



RF
Jammer

Aegis 200

Mobile
RF Detection
&
Jammer

Aegis 300

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The World Best C-UAS Solution

Global Military Standard: Cutting-Edge Jamming Solutions

Items	Takeover	Spoofing	Jamming
Applicable Scenarios	Peacetime	Transitional technology	**All scenarios; Includes high-intensity modern battlefields.**
Effectiveness	Vulnerable to high-strength military encryption ✗ Low	only lure and delay, not terminate the threat ✗ Low	**Direct blocking; Effective countermeasure.✓ High**
Security	✓ High	indiscriminately breaks through targets ✗ Low	**Precisely targeting, safe and controllable.✓ High**
Swarm Attack Defense	Can only handle single attacks ✗ Cannot handle swarm attacks	✗ Cannot handle swarm attacks	**Battle Proven, effective in defending against swarm attacks combat. ✓ The only effective solution.**
Conclusion	High-strength encryption & swarm attacks, **Completely ineffective**	Indiscriminately damage surrounding civilian facilities; **Huge risks**	**Universally adopted by modern military forces worldwide. ✓ The only practical choice.**

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The World Best C-UAS Solution

Advanced Anti-Drone Powered by AI Detection Algorithms

1

Aegis100 sensors receive, digitalize and analyze raw RF signals by scanning the RF spectrum on the bands drones and their Remote Controls (RC) communicate on. This technology is passive and undetectable, causing no interference to surrounding networks.

2

Our drone detection software uses artificial intelligence and detection algorithms to find unique patterns defining drone-RC communication protocols, discriminating drones from other objects (WiFi networks…).
Cub Aegis library of drone protocols is permanently updated and features all possible drones put on the market over the years.

3

Cub Aegis software processes information from sensors and warns security operators of the presence and location of drones AND their pilots.
Information is displayed on a user-friendly C2, to allow end-users take the right action within seconds from the initial detection.

4

Cub Aegis Jammers can be triggered automatically or manually, by jamming the uplink and downlink RF signals between the RC and the drone.
Neutralized drones then follow one of the three following protocols:

- Hover until battery is dead, then land,
- Land safely,
- Go back to take-off location.

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The World Best C-UAS Solution

The World Most Widely Deployed Anti-Drone System

Global Deployment Achievements:

(Battlefields, Military Facilities)

- Ukrainian Frontline
- Army and Navy
- Military Bases
- Naval Ports
- Army Vehicle Units
- Missile Manufacturers
- South Asian Army
- South American Air Force Bases

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The World Best C-UAS Solution

The World Most Widely Deployed Anti-Drone System

Global Deployment Achievements:

(Critical Infrastructure and Events)

- Key Government Facilities,
- International Airports,
- Commercial Ports,
- Oil Company Plants,
- Nuclear Power Plants,
- Airline Facilities,
- VIP Vehicles,
- Major International Events
- Judicial Units and Prisons

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Fully Poised and Activated

Diverse Product Applications Driving Strong Revenue Growth

- **Strong automotive foundation with advanced technology and global reach.**
- **Expanded successfully into defense, security, and aerospace.**
- **Complete Leishield drone countermeasure line with robust global demand.**

Counter-Unmanned Aircraft Systems Solution

Intelligent Transportation & Security | Active Warning Systems

mmWave AI Perception Radar
- Drones, Robots, Elder Care & Fleet management

03 ADAS & mmWave Radar

02 TPMS

01 Switches and Sensor

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Q & A

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