Anti-Drone vehicle mounted type

Specifications and Operational Performance of Vehicle Anti-Drone Systems

INTEGRATED Anti-Drone & Control System

Anti-drone system for civilian use (urban type)

Small commercial van-based drones mounted on vehicles to respond to threats
It is an anti-drone system (ADS) based in the city.

The vehicle performs the function of detecting, tracking, and disabling drones,
It is used in various fields such as military, security, and counterterrorism

Detection Jamming Integrated control unit

1, Civil acceptance (urban type) anti-drone system

Vehicles, also known as Unmanned Aerial System (UAS) or Unmanned Aerial System (Anti-Drone System), are threatened by drones
A vehicle-mounted platform designed to detect, track, identify and disable or mitigate.

These systems incorporate a variety of technologies such as Rrdar, RF (radio frequency) sensors, cameras, and jammers for comprehensive airspace security
I can provide it

- Car : Hyundai Solati
- Size : 6,195 * 2,038 * 2,665 * 3,670(mm)
- Max Output : 170Horsepower
- Driving method : Rear wheel drive
- Transmission : 8-speed Automatic transmission

- Radar detection range : 5Km
- EO/IR detection range : 2Km
- Jammer range : 7Km, 7Bands
- Free maintenance : 1year
- Paid maintenance : 1year
- Providing a Simulated Training System for Anti-Drone Solutions

경찰청 혁신제품

Military (field mobile) anti-drone system

Field mobile anti-drone systems are mobile integrated solutions designed to detect, identify, track, and disable drone threats in military operational environments.

It is a combination of mobility, communication, electronic warfare, and radar technology, and is configured to enable real-time response in battlefield situations.

It is mainly used to respond to drone reconnaissance, attacks, and electronic warfare in field, mobile units, and forward operating areas.

Detection

Jamming

Integrated control unit

2. Military (field mobile) anti-drone

The mobile counter-UAS (C-UAS) is mounted on military operational vehicles (tactical vehicles, armored vehicles, trucks, etc.),
It is characterized by rapid movement, deployment, and withdrawal compared to fixed systems.

These systems incorporate a variety of technologies such as 360° radar, RF, cameras, and jammers for comprehensive airspace security

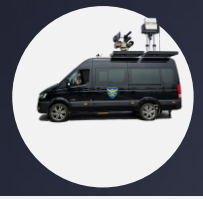
- Car : Kia new 2.5ton
- Size : 6,800 * 2,500 * 3,150(mm)
- Total weight : 10,500(kg)
- Max output : 280Horsepower
- Driving method : Four-wheel drive

※ Vehicle type may be changed during design

Change to 3.5 tons of Mighty when the vehicle is not secured차량

- Radar detection range : 5Km
- EO/IR detection range : 2Km
- Jammer range : 7Km, 7Bands
- Free maintenance : 1year
- Paid maintenance : 1year
- Providing a Simulated Training System for Anti-Drone Solutions

Comparison Table

Urban type 

(Option) RF Scanner

 Military type

• 5km Over	**RADAR** (Detection range)	• 5km Over
•105°	**RADAR** (Azimuth detection distance)	√•360°
•2km	**Camera** (Detection distance)	•2km
• GNSS L1 / L2 • ISM 5.8 / 2.4 / 5.1 GHz • 400 / 900MHz	**Jammer** (Blocking frequency band)	• GNSS L1 / L2 • ISM 5.8 / 2.4 / 5.1 GHz • 400 / 900MHz
• Jamming: 2km	**Jammer** (Jamming distance)	• Jamming: 2km
•Local control or cloud-based integrated operations	command and control system	√•BIT(Built-In Test) √•Real-time Situation Judgment and Equipment Control System √•Configuring a Field Network and Interworking Environment √•Automatic Threat Classification Control System √•Military-only maps and identification systems
Anti-drone gun / a mock training system /1 year of free maintenance / 1 year of paid maintenance included	Other (default configuration)	Anti-drone gun / a mock training system / 1 year of free maintenance / 1 year of paid maintenance included
•Civil van	Flat Form	√• military truck. 2.5 tons of four-wheel drive