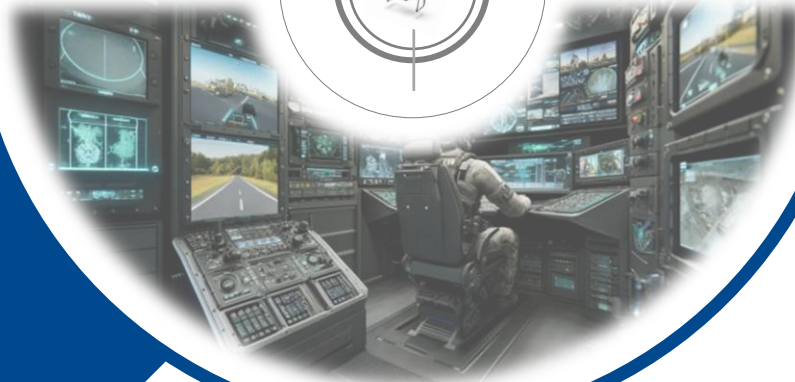


www.sjsolution.com



AI Based intelligent Anti-Drone(Counter-Unmanned Aircraft Systems)

Innovative Company delivering solutions

SAMJUNG SOLUTION

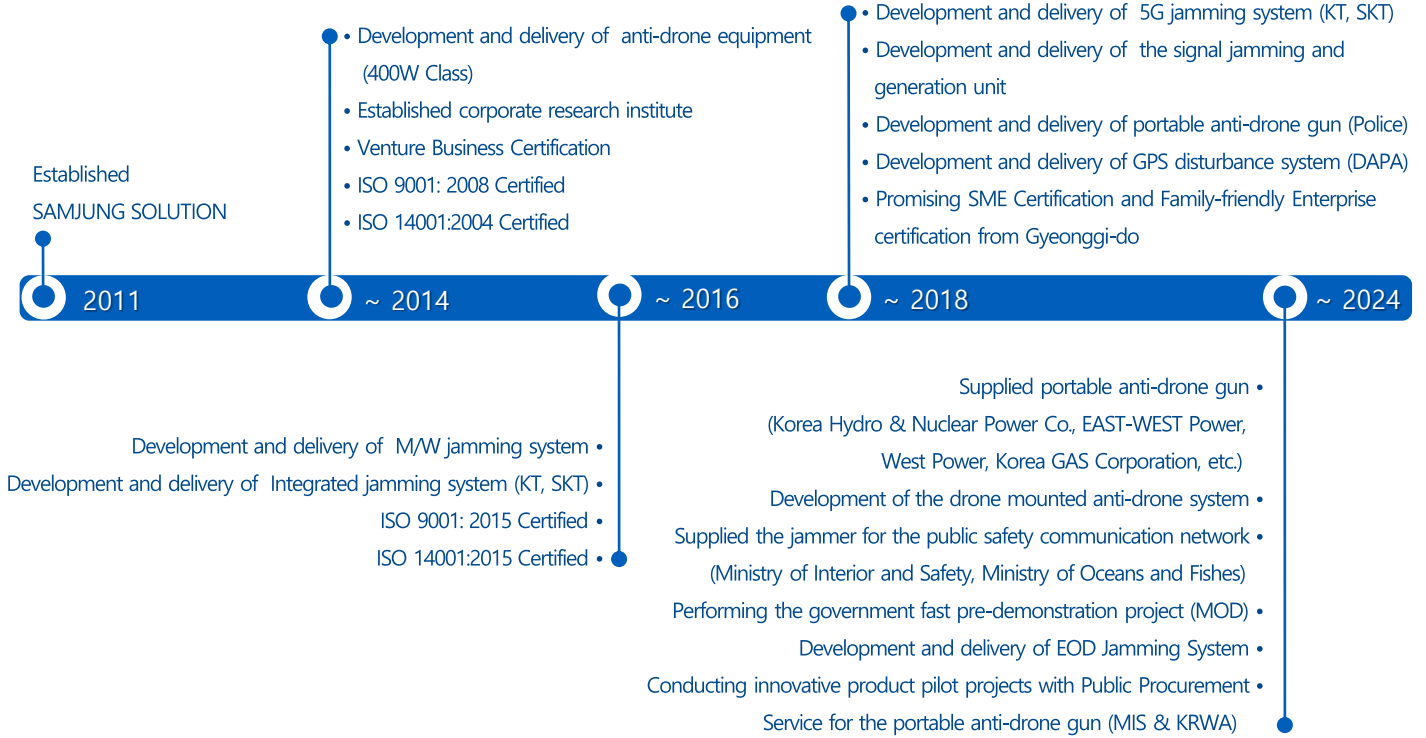


Company Profile

Ministry of Science ICT "Radio wave breaker" Popular No1 company



Established
SAMJUNG SOLUTION



Certification



Class	Details
Authorization	<ul style="list-style-type: none"> Establishment of a corporation (2011.11.12) INNOBIZ(No. R170601-00482) MAINBiz(No. 220601-01825) Venture Business(No. 20190109476)
Certification	<ul style="list-style-type: none"> Family-friendly enterprise (No. 2018-0421) Corporate Research Institute (No. 2013112050) K-INNOVATIVE PRODUCT(No. 2021-055) OUTSTANDING R&D CENTER(No. 2023-0041) Excellent Product(No. 2023188) ISO 9001:2015(Q303716) ISO 14001:2015(E148316)
License	<ul style="list-style-type: none"> Information and communications construction(No. 311007)
Registration	<ul style="list-style-type: none"> Factory(Wired communication equipment manufacturing industry and 19 others) Public Procurement Service registration (Jammer and 5 others)
Test Equipment	<ul style="list-style-type: none"> Thermo-hygrostat and 16 others
Business registration	<ul style="list-style-type: none"> S/W enterprise(Package software development and others)

Product Lineup

Integrated anti-drone system



[Integrated anti-drone system (Vehicle type)]

IED Jammer



[Portable]



[Vehicle type]

Anti-Drone system



[SJ-ADP-V06, Portable]



[SJ-ADC-V02, Portable]

Spill-over blocking system



[Portable type]



[Installation type]



[SJ-ADP-V12, Attaching type]



[SJ-ADM-V02, Drone mounted type]

Information and Telecommunication Solution

Main system



Amplifier



PCU



[Disaster broadcasting reception equipment]



[Facility construction/ Maintenance]



[SJ-ADU-V03, Integral type]



[SJ-ADA-V03, Movable type]



[Option: Rader and Camera]

Smart Key System



Automatic release fire extinguishing stick



Temperature monitoring system



[Safety/Security Solutions]



Duplexer



Power Divider



Arrestor



Band Pass Filter



Adapters



Directional Coupler



Attenuator



Terminators

[Communication Components]



[SJ-GS-V01, Installation type]



K-INNOVATIVE
PRODUCT

Innivative Product Certificate



Excellent Product Certificate



Designation of Trial purchase Product

Integrated anti-drone system

Vehicle type (SJ-ADMV-V04)



Innovative Product Certificate



Purpose

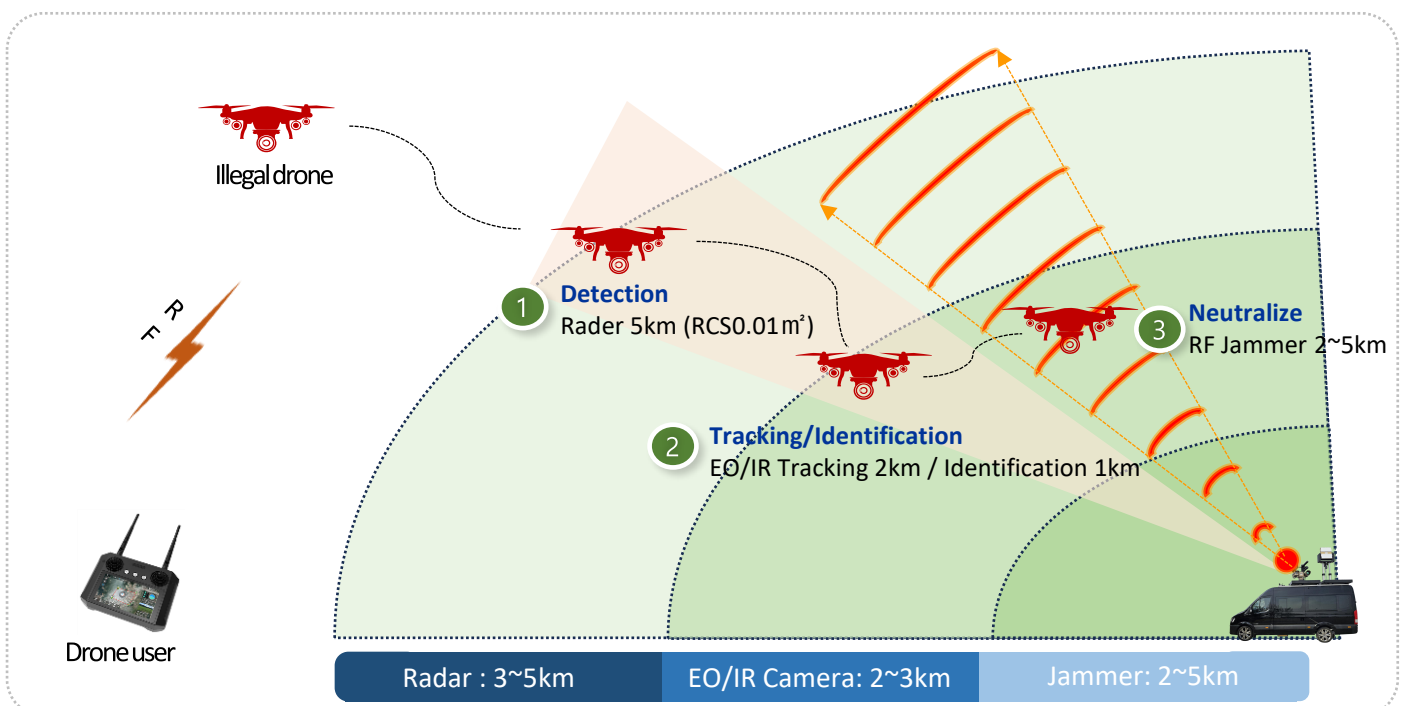
- Automatic response to illegal drones

Key Point

- Equipped with an integrated control system to detect, identify and disable illegal drones

Specification

- Detection(Rader) 3km / Tracking (EO/IR) 2km / Identification (EO/IR) 1km / Jamming 2km
- Integrated Control System :
The distinction between drones and birds / Wire/Wireless communication
- Jamming frequency : 400MHz ~ 5.8 GHz, 7 bands



Anti-Drone system

Portable Anti-Drone Gun(SJ-ADP-V06)



Innovative Product Certificate ,
Excellent Product Certificate ,
Designation of Trial purchase Product



Purpose

- The best solution for protecting important national facilities and responding to drone terrorism/attacks in the military and police

Key Point

- Longest continuous radiation of portable equipment
- Comfort carrying (using a carrier or backpack)

Specification

- Weight : 3kg(With backpack 25kg),
- Frequency disturbance range : Over 2Km
- Frequency band : GPS L1, ISM 2.4GHz, ISM 5.8GHz
- Continuous emission time : Over 60 min

Anti-Drone system

Portable Anti-Drone Gun (SJ-ADC-V02)



Excellent Product Certificate ,
Designation of Trial purchase Product



Purpose

- The best solution for protecting important national facilities and responding to drone terrorism/attacks in the military and police

Key Point

- Longest continuous radiation of portable equipment
- Comfort carrying (using a carrier or backpack)
- **Designation of excellent R&D innovation products, DAPA's rapid pilot project and military power model**

Specification

- Weight : 3kg(With backpack 25kg),
- Frequency disturbance range : Over 2Km
- Frequency band : GPS L1, ISM 2.4GHz, ISM 5.8GHz
- Continuous emission time : Over 60 min

Anti-Drone system

Portable Anti-Drone Gun (SJ-ADP-V11)



Purpose

- The best solution for protecting important national facilities and responding to drone terrorism/attacks in the military and police

Key Point

- Longest continuous radiation of portable equipment
- Comfort carrying (using a carrier or backpack)

Specification

- Weight : 3kg(With backpack 25kg),
- Frequency disturbance range : Over 2Km
- Frequency band : 5Bands(GPS L1, L2, L5, ISM 2.4GHz, ISM 5.8GHz)
- Continuous emission time : Over 60 min

Anti-Drone system

Integral type Jammer (SJ-ADU-V03)



Excellent Product Certificate ,
Designation of Trial purchase Product



Purpose

- Integrated equipment to easily neutralize enemy drones

Key Point

- Integrated equipment makes battery detachable and easy to use
- **Available to block the largest number of bands simultaneously among domestic portable equipment (7Bands)**

Specification

- Weight : 4.8kg,
- Frequency Disturbance range : Over 1.2km
- Frequency band : 7 bands(GNSS L1/L2, ISM 400/900MHz, 2.4/5.0/5.8GHz)
- Continuous emission time : Over 30 min
- Option: Stand, scope, and drone for the training

Anti-Drone system

Attaching type Jammer (SJ-ADP-V12)



Excellent Product Certificate ,
Designation of Trial purchase Product



Purpose

- (Without a rifle) Police, small infiltration units, reconnaissance units, etc
- (With a rifle) Peacetime GP/GOP // Wartime operations unit

Key Point

- Lightest and lightest model for easy transportation and use
- With a rifle, available to stop the drone in the air and shoot it down

Specification

- Weight : 1kg(With main unit and battery : 3.7kg)
- Frequency Disturbance range : Over 1.2km
- Frequency band : GNSS L1, ISM 2.4GHz, ISM 5.8GHz
- Continuous emission time : Over 30 min

※ Configuration, frequency band, and jamming distance can be modified by buyer request

Anti-Drone system

Drone mounted Jammer (SJ-ADM-V02)



Purpose

- Tracking and neutralizing target drone at mountainous terrain and high-rise areas

Key Point

- Illegal drones can be tracked and can be neutralized from a long distance

Specification

- Weight : 3.7kg
- Frequency band : 3 bands
- Power : Using battery of mounted drone

Anti-Drone system

Installation type jammer (SJ-GS-V01)



Excellent Product Certificate ,
Designation of Trial purchase Product



Purpose

- Effectively protect important facilities and areas by installing illegal drone intrusion routes in facilities

Key Point

- Neutralize drones over 1km in distance
- Easy interworking with radar, camera, etc
- Regional Defense through Integrated System

Specification

- Weight : 16kg
- Frequency Band : GPS L1, L2, ISM 2.4GHz, ISM 5.8GHz
- Antenna : Directional
- Continuous emission time : Nonstop(power supply)

Anti-Drone system

Movable type Jammer (SJ-ADA-V03)



Excellent Product Certificate ,
Designation of Trial purchase Product



[Rader and Camera are optional]

Purpose

- Build in a short time to suit the environment to protect important facilities from the threat of illegal drones and terrorist drones

Key Point

- Neutralize drones at distance of 5Km
- Easy interworking with radar, camera, etc

Specification

- Weight : 20kg(Per band)
- Frequency bank : 7 bands : GPS L1, L2, ISM 400/900MHz, ISM 2.4/5.0/5.8GHz
- Antenna : Directional
- Continuous emission time : Nonstop(power supply)

IED Jammer

Portable IED Jammer



Purpose

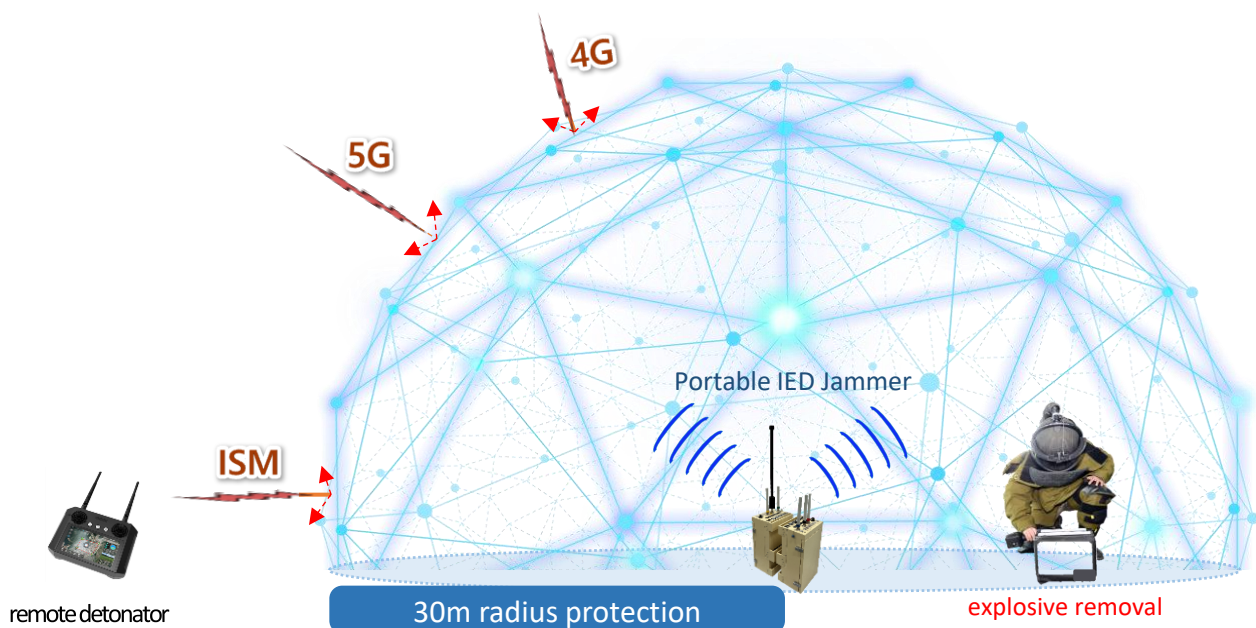
- IED disablement equipment for VIP protection, EOD, troop protection

Key Point

- Easy to transport (portable)
- Disable IED within 30m

Specification

- Weight : 21kg(Each body)
- Frequency band : 20MHz~6GHz
- Antenna : Omni-directional
- Continuous emission time : Over 60 min



IED Jammer

Vehicle type IED Jammer



Purpose

- IED disablement equipment for VIP protection, EOD, troop protection

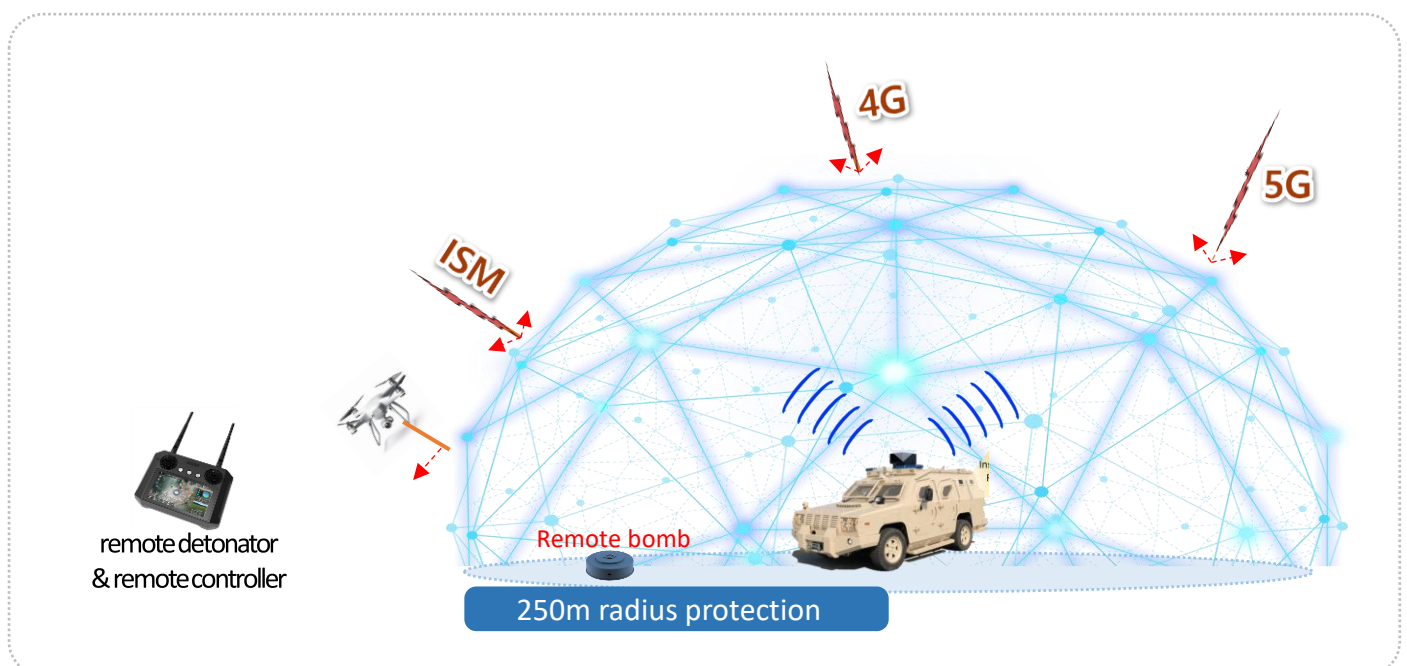
Key Point

- Disable IED within 250m
- Outstanding mobility

Specification

- Weight : 15kg(Per band)
- Frequency band : 758 ~ 5,850MHz (10 bands)
- Antenna : Omni-directional

※ Configuration, frequency band, and jamming distance can be modified by buyer request



Spill-over blocking system

Installation type



Purpose

- Prevent enemy surveillance of radio communication between military and police and civilian mobile communication radio frequency bands in critical and military border areas

Key Point

- Long-distance jamming
- Support NMS for remote location management
- Non-stop operation with battery when main power supply is abnormal

Specification

- Frequency band : TRS. MW, Network of disasters, 5G and etc. (Base on customer request)
- Power consumption : 100W/band
- Continuous emission time : Nonstop (With power supply) / 2 hours (battery)

Spill-over blocking system

VIP Portable type



Purpose

- Confidentiality and security conference rooms, blocking radio communications in case of specific security for key personnel

Key Point

- Easy to move and carry and operate many Jamming channels
- 800MHz to 5.9GHz broadband jamming (mobile and ISM bands)
- Can disable communication equipment with a radius of 40 meters or more
- Output 2 steps adjustable, split frequency band individual control function

Specification

- Frequency band : 800MHz~5.9GHz
- Jamming distance : Over 30m
- Continuous emission time : Over 4 hours (MAX power)

SAMJUNG SOLUTION

(16648)

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