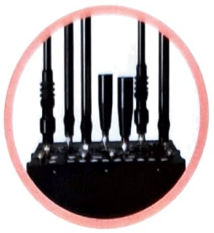
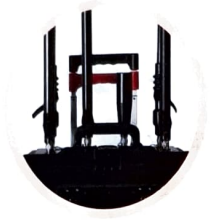


# Sh  nan

Shinan Information &
Communication Co., Ltd.,
is leaping into the world and
shaping the future.

www.shinangroup.co.kr

# Initiative in the Global Defense and Security Industry

Shinan Information & Communication Co., Ltd., ever since foundation in the year 1995, has been striving to become a company like the light of the world under the slogan of "Realizing customer value through honesty and trust". The main business areas are wireless communication, integrated control, transmission network construction, broadcasting and communication, CCTV, premise communication, electrical construction, and anti-terrorism equipment (Jamming Systems, EOD robots, Anti-drones systems), etc., and we have secured core technologies based on years of efforts and investments.

**CEO** Ju Gi-cheol, Ju Eulmok


# Key Business Achievements

Shinan Information & Communication Co., Ltd. specializes in the existing telecommunications and electricity business that has been going on for a long time, and is also fostering the manufacturing business by establishing a manufacturing plant such as CCTV and broadcasting equipment, as well as SI business, new and renewable energy business (solar power, wind power), counter-terrorism business, and engineering business (communication supervision, design), and also established a research institute to develop and carry out new technologies, and is intensively investing and fostering overseas business.

## 2022

| | | |
|---|---|---|
| Sales revenue (USD Mil.) | 1,567 | 547 |
| Items | X-ray (security screening equipment) | Video surveillance equipment |
| Vendor (Buyer/Country) | Defense Acquisition Program Administration DAPA | 대한민국육군 Republic of Korea Army ROKA |

# RCIED Jamming Equipment

Shinan Information & Communication Co., Ltd.'s representative items include 3 types: WPS-160(4th), WPS-130(3rd), and WPS-160P.

## Product Name

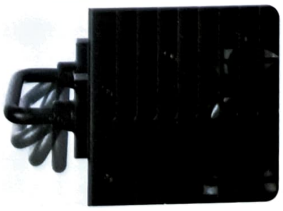
# WPS-160(4th)

## Specification

| | |
|---|---|
| Frequency band | 20MHz ~ 6GHz |
| Output | 160Watts |
| Operating temperature | -20~+43℃ |
| Blocking range | Radius of 30m<br>(based on - 70dBm base station output field strength area) |
| Operating time | 1 hour 30minute |
| Size | 55 X 20 X 40cm |
| Power | Rechargeable polymer battery<br>(DC36V ~ DC 72V) |
| Weight | 25kg<br>(excluding antenna and battery)<br>* Battery 6.95kg |
| Signal generation unit | Neutralization noise signal generation,<br>Tone Sweep method |

## Descriptive Features

1. Easy to attach and detach as the main body is detachable
2. Support for various form factors
   (Portable, man-pack, vehicle-mounted, etc.)
3. Preventing the risk of terrorism by radio interference from wireless/remote improvised explosive devices (RCIEDs)
4. Applicable to close-range anti-drone applications by applying gun-type antennas
5. 1/3 of the narrowband level



Note

Army EOD

Air Force EOD

Product Name

## WPS-130(3rd)

### Specification

| | |
|---|---|
| Frequency band | 20MHz ~ 6GHz |
| Output | 130Watts |
| Operating temperature | 20~+50°C |
| Blocking range | Radius of 30m<br>(based on - 70dBm base station output field strength area) |
| Operating time | 1 hour 30 minute |
| Size | 62 X 34.8 X 40cm |
| Power | Rechargeable polymer battery<br>(DC36V ~ DC 72V) |
| Weight | 35kg<br>(excluding antenna and battery)<br>* Battery 21kg |
| Signal generation unit | Neutralization noise signal generation,<br>Tone Sweep method |

### Descriptive Features

1. Easy to attach and detach as the main body is detachable
2. Support for various form factors
   (Portable, man-pack, vehicle-mounted, etc.)
3. Preventing the risk of terrorism by radio interference from wireless/remote improvised explosive devices (RCIEDs)
4. Applicable to close-range anti-drone applications by applying gun-type antennas
5. 1/3 of the narrowband level

Note > Army EOD > Vietnam SWAT

## Product Name

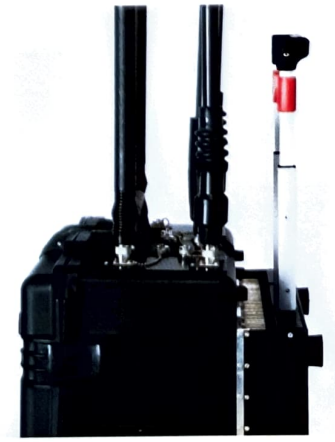
# WPS-160P

## Specification

| | |
|---|---|
| Frequency band | 20MHz ~ 6GHz |
| Output | 130Watts |
| Operating temperature | 20~+50℃ |
| Blocking range | Radius of 30m<br>(based on - 70dBm base station output field strength area) |
| Operating time | 2 hour |
| Size | 70 X 30 X 50cm |
| Power | Rechargeable polymer battery<br>(DC36V ~ DC 72V) |
| Weight | 29kg<br>(excluding antenna and battery)<br>* Battery 11.5kg |
| Signal generation unit | Neutralization noise signal generation,<br>Tone Sweep method |

## Descriptive Features

1. Easy to attach and detach as the main body is detachable
2. Support for various form factors
   (Portable, man-pack, vehicle-mounted, etc.)
3. Preventing the risk of terrorism by radio interference from wireless/remote improvised explosive devices (RCIEDs)
4. Applicable to close-range anti-drone applications by applying gun-type antennas
5. 1/3 of the narrowband level



Note

Air Force EOD

# ION Picker

Detection/identification equipment for trace amounts of hazardous substances (explosives, narcotics, environmentally hazardous substances, chemical agents, etc.) using IMS (Ion mobility Sperctrometry)

## Defence Platform

Armored car


Combat vehicle

Explosives Detection

# ION Picker

## Specification

| HS Code | 9027.59 |
|---|---|
| Detection principle | IMS (Ion Mobility Spectroscopy) |
| Analysis data | Gas, liquid, solid state |
| Operating temperature | -20~+55℃ |
| Operating time | 8 hours |
| Size | 40.8 X 13.5 X 20.5cm |
| Analysis time | Instant/within 5 seconds |
| Power | Rechargeable lithium-ion battery |
| Weight | 4kg(including battery), 3.2kg |

## Library List

| EXPLOSIVES | | NARCOTICS | |
|---|---|---|---|
| TNT | HMX | Cocaine | MDA |
| DNT | PETN | Heroine | MDMA |
| C4 | TETRYL | Ketamine | Diazepam |
| RDX | Ammonium Nitrate | THC | Sauteralgyl |
| TATP | NG(Nitroglycerin) | Methamphetamine | Nimetazepam |
| Black Powder | SEMTEX, Etc. | Amphetamine | Codeine, Etc. |

## Descriptive Features

1. Detection of hazardous materials such as explosives, narcotics, and hazardous chemicals
2. Detection and identification of hazardous materials on site without separate preprocessing
3. Easy registration of new materials according to user needs
4. Adoption of a detachable structure, improved portability