Self defense & Portable Security device

MAGMA

THE WORLD'S FIRST 3-MODE PERSONAL PROTECTION SYSTEM

Smart MAGMA

Physical Security System
Greetings from the CEO

Thank you for your interest in the "MAGMA" brand.

We, the engineers of World Humantech, are the very people who developed a self-protection gas gun for the first time in Korea, which was a historic event in the personal-security industry in 1987, when the industry itself was barely born. After two decades of dedication since then, we have been participating in the development of various gas gun and stun gun products in and out of Korea for law enforcement, as well as various security and anti-crime equipment. With the experience and know-how from our history, we now proudly present to the world the multi-function portable personal self-protection device, the Magna, as a proof of our superb technical capability.

We will remain dedicated in our commitment to make the world a safer and happier place, where people are better protected from crimes, by continued research and development of new values, thinking in the shoes of our customers, and providing the best products and services, to become a small but strong company.

Thank you,
Sangeup Ryu, CEO

• History

1987 May: Development of a gas gun for the first time in Korea
Development and manufacturing of more than 30,000 units of products, including the police guns for Korean Police Department as well as security, self-protection, and anti-crime equipment for domestic and international customers.

2009 Apr: Technical Supervision for the police equipment related to a technical transfer project in Vietnam.

Oct: Main "Silver Model" in ITN Korea's International Ideas and Inventions Competition for Emergencies.

2011 Feb: Application for International PCT Patent
Feb: Seller registration for "Gyapji 3000" in Korea and the Middle East Business Administration.
Sep: Participated in Citytrip-Korea 2011, Daejeon.
Oct: Exclusive export contracts for Mexico and Indonesia.

Self-protection

The development of a self-protection gas gun for the first time in Korea.

Smart ‘MAGMA’

Personal Safety System

Proclamation of war against crime!
Big and small brutal crime increased more and more in spite of that! What is the most essential thing for safety to us living on a hotbed of crime? It is the very personal self-defense device. Namely Pepper spray and stun gun, Gas gun, Alarm, Whistle and etc. If you analyze the above devices in detail, you might run into danger due to a simple function and an inexperienced capability. It is difficult for you to check the capability for most of personal self-defense devices. And also, it is even more difficult for you to counteract against a criminal in the night when crime often occurs in case of using these previous devices. Hereby, we became to develop MAGMA of a ideal multi-functional self-defense device combining security function in order to solve such problems. MAGMA is a new essential goods necessary to an individual and family absolutely. Each for reaction of consumers Small and medium business corp.

'MAGMA' is a multi-functional performance self-defense device against various types of crime that might occur. It has a LED zoom light so that you can use it against night crime, an alarm operated by a sensor and a pepper spray. Of course, you are able to use MAGMA for daily life and leisure as well.

Multipurpose

self protection crime prevention guard patrol security leisure

Media introduction

KBS, SBS, MBC, MBN, tomato TV, It's TV, banjangTV 'Magma' possession of the police can hold freely without permission.

Self-defense & Portable Security device
3 actions of crime prevention function

1. Zoom Searchlight
Use for leisure purposes under normal circumstances and arm straight at the threat in times of emergency to ensure protection in dark alleys.

2. Self-defense Pepper Spray
- Gas Spray Mechanism: Piston Pump Compression Type (No high-pressure gas medium required), Check valve system, Tear Liquid Material: Vegetable 2M/3M (milligram) SHU DC + Training, Liquid 2 types available
  - Concentration: 15mg
  - No of shots: Max. 20 shots
  - Range: Max. 6m (50 degrees spraying 3m)
  - Tear Liquid Self-Relief System
  - Dual Safety Device

3. Self-protection alarm
No need to scream. Flip down in case of danger. LOUD alarm sound will ensure that your desperate call is heard.
- Notify that you are in danger — Sound the alarm — Ask for help
- IC electric circuit included
- Backward voltage protection circuit
- Alarm loudness: 125db
- Duration of alarm: Approx. 30 minutes — Operation Lamp
- Battery operated
- Power: 1.5V x 3 Alkaline Battery Cell
- Battery specification/Standard: LR44 / A91 / LR1154 / 375A
- A76 / 576

LED searchlight / telephoto lens for adjusting light
- Zoom-in Searchlight or Zoom-out (Flash light) modes 50m / night aiming
- Power: 1.5V x 3A5F — Alkaline Button Cell
- Battery Specification/Standard: LR44 / A91 / LR1154 / 375A / A76 / 576
- Battery Availability: Over 6 months
- Battery Life: Under Constant Use: 3 hours (more or less)

Size Comparison = Smart phone = MAGMA

3 actions of crime prevention function

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With a microphone inside, any vibration or shock will set off the alarm which comes in handy for protection against theft or other crimes.

4. Burglar alarm
- Prevention of theft of valuable belongings — Sensor activated in the event of theft or less
- Sensor-activated alarm — Senses vibration, movement, and impacts
- Microm circuit included
- Backward voltage protection circuit
- Operation Lamp (blinks every 10 seconds)
- Alarm loudness: 125db
- Continued alarm / sensor standby
- Duration: 30 seconds / 30 days
- Battery operated
- Power: 1.5V x 3 alkaline button cells
- Battery specification/Standard: LR44 / A91 / LR1154 / 375A / A76 / 576

5. Portable Security Alarm
- Install at vulnerable locations for breaking-in situations
- Sensor activated when breaking in — Alarm sets off
- Sensor activate alarm — Actuated by vibration, impact, and movement
- Includes a microm circuit
- Backward voltage protection circuit
- Operation Lamp (blinks every 10 seconds)
- Loudness of the Alarm: 125db
- Continued Alarm / Sensor Available: 30 seconds / 30 days
- Battery Operated
- Power: 1.5V x 3 alkaline button cells
- Battery specification/Standard: LR44 / A91 / LR1154 / 375A / A76 / 576
CEO 致辞

感谢您对"MAGMA"品牌的关注。

World Humanitech 技术小组于1985年开发出国内最初的隐身说服机。在当时还是不毛之地的个人安保产业领域，独具一格。二千零几年来一直在致力于开发隐身说服机、电子干扰机、治安的装备，并且将技术和经验为基础，开发出能够随时随地保护自身安全的携带用防盗系统多媒体隐身机‘MAGMA’，其技术力已被国际认证。

为了让人们能够在各种灾难中追求更加安全幸福的生活，我们公司致力于研究新的价值，着眼于预防的立场，以优质的品质和性能不断发展成隐形冠军企业。

谢谢
代表 柳相美

Smart‘MAGMA’

携带型防盗用多媒体隐身机‘MAGMA’不同于原先单纯功能的隐身用机。在世界最早能够对应各种犯罪（强盗、暴行、恐怖主义、诱拐、人侵）的隐身机。为了广泛应用于容易被敌意在暴力犯罪的现场，内含了配置变换遥控的变脸功能照相机，还附有高稳定性高隐身用保全气体喷雾器。此外，国内有警局用必须器，能够对应隐身用隐身机及防盗警报器。携带型隐身报警器，配置能够即刻启动三种防盗功能的三大对应防盗系统，从犯罪预防中保护人的安全。‘MAGMA’平时可随身携带，用于休闲、业余爱好或商务活动，当遇到犯罪或其他危险时，立即启动多媒体隐身机。促使犯罪人自动放弃犯罪行为，同时警报器的综合效应，能够消除即刻压倒性，具备了高性能隐身机应有的安全效果。

主要用途

- 护身用
- 防盗用
- 保全用
- 运行用
- 保安用
- 休闲用

公司发展历史

1983年  05  大韩民国商用隐身机开始首次开发
1984年  02  开发生产‘隐身机’，警官要求及20多个国家的隐身警
1985年  02  东京国际警局警备所
1986年  02  警察署警局警备所
1987年  02  警察局警备所
1988年  02  警察署警备所
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2018年  02  警察局警备所
2019年  02  警察局警备所
2020年  02  警察局警备所

2014年  02  参加国际安全博览会（SECON 2014）/Kintex
2015年  02  参加国际安全博览会（SECON 2015）/Kintex
2016年  02  参加国际安全博览会（SECON 2016）/Kintex
2017年  02  参加国际安全博览会（SECON 2017）/Kintex
2018年  02  参加国际安全博览会（SECON 2018）/Kintex
2019年  02  参加国际安全博览会（SECON 2019）/Kintex
2020年  02  参加国际安全博览会（SECON 2020）/Kintex

主要媒体

KBS, SBS, MBC, MBN, tomoato TV, It's TV, 韩国经济TV

MAGMA 不需要警备厅的携带许可，可自由携带。
**Personal Alarm System MAGMA**

**MAGMA SII Premium**

**Specifications**
- **Model:** MAGMA SII Premium
- **Dimensions:** 110mm x 25mm x 25mm
- **Weight:** 150g
- **Battery:** 4 x AA batteries
- **Operating Time:** 1 year
- **Waterproof:** Yes
- **Shockproof:** Yes
- **Operating Temperature:** -20°C to 50°C
- **Storage Temperature:** -40°C to 80°C

**Features**
- **LED Flashlight:** Yes
- **Alarm Siren:** Yes
- **Vibration Alert:** Yes
- **Remote Control:** Yes
- **滩测量:** Yes

**Application**
- **Public Places:** Shopping malls, trains, buses, airports
- **Residential Areas:** Homes, apartments, offices
- **Sports:** Running, cycling, hiking

**Installation**
- **Mounting:** Magnetic and adhesive
- **Mounting Options:** Wall mount, desk mount

**Troubleshooting**
- **Issue:** Device not working
  - **Solution:** Check battery level, replace batteries if necessary
- **Issue:** Device not responding
  - **Solution:** Re-calibrate device

**Support**
- **Customer Service:** Contact details
- **Warranty:** 1 year

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**MAGMA Standard**

**Specifications**
- **Model:** MAGMA Standard
- **Dimensions:** 110mm x 25mm x 25mm
- **Weight:** 150g
- **Battery:** 4 x AA batteries
- **Operating Time:** 1 year
- **Waterproof:** Yes
- **Shockproof:** Yes
- **Operating Temperature:** -20°C to 50°C
- **Storage Temperature:** -40°C to 80°C

**Features**
- **LED Flashlight:** Yes
- **Alarm Siren:** Yes
- **Vibration Alert:** Yes
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- **Customer Service:** Contact details
- **Warranty:** 1 year
Personal Safety System
Smart 'MAGMA'
The World's First 3-Mode Personal Protection System
With Silver Medal in the IPA 2010 International Ideas and Inventions Fair, Germany
'MAGMA' brand as "Global Premium Living Goods 2010" by the Ministry of Trade, Industry and Energy

Awards, Patents, and Certifications
獲獎、認證、專利

Awards (獲獎)

Certificates (認證)

Patent (專利)

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