

<http://www.segi21.com/>

SEGI Future Technology

Disaster prediction, warning, and Technology innovative INNOBIZ company specialized in wireless broadcasting solutions



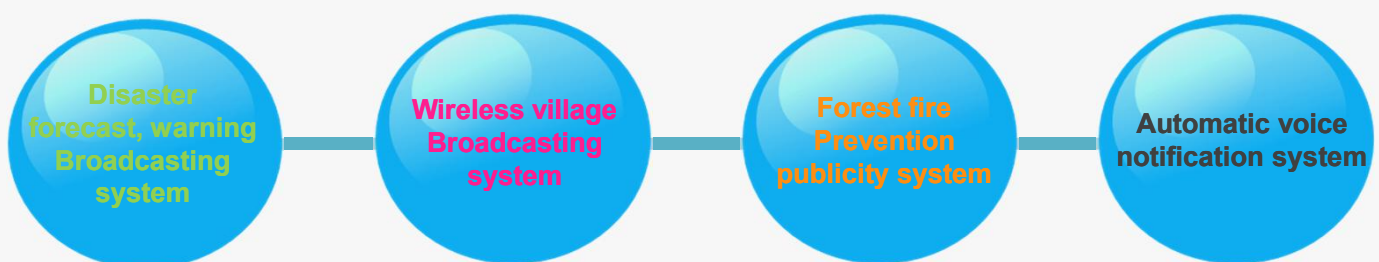


Since its founding in 1997, SEGI Future Technology Co., Ltd. is the crystallization of its own technology that can immediately respond to the occurrence of disasters and announcements from administrative agencies. We are receiving trust and favorable reviews by realizing the prevention and minimization of damage.

It is being operated by 50,000 households in 1,500 villages nationwide based on the accumulated technology for the construction of wireless village broadcasting consisting of remote telephone broadcasting devices and home receivers.

In addition, with a variety of new products that are one step ahead of the information age, we respond to customer requests and provide optimal products to public institutions, establishing ourselves as the nation's best technology level.

We promise to continue to invest in R&D and develop new products to become a company that pursues customer satisfaction and maximization of value creation.

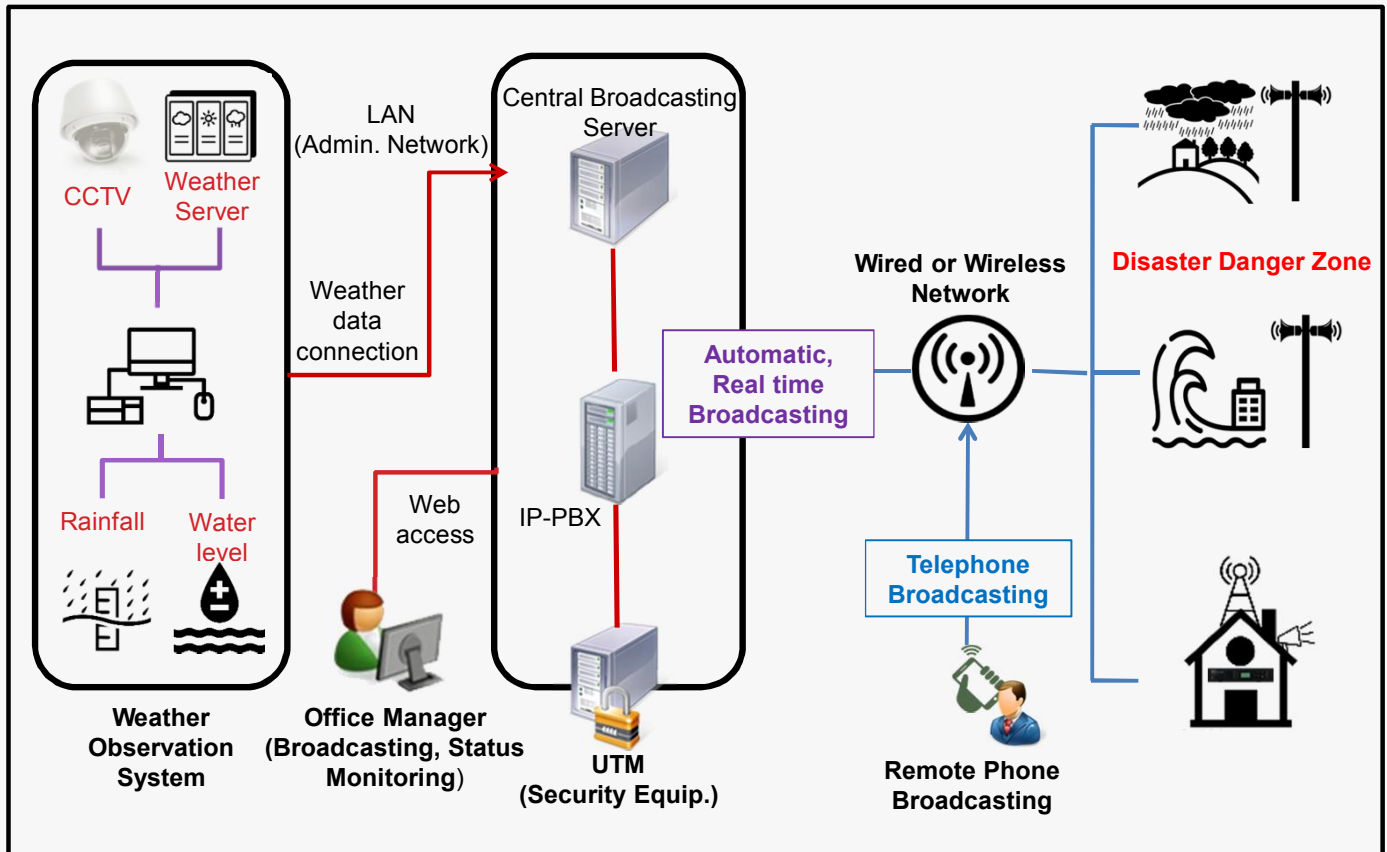


1

Disaster Forecast, Warning Broadcasting System & Automatic Voice Notification System

Product Name : SGA – BK series, SGA – 5K(FK) series

- WCDMA , LTE , IP etc. various communication lines
- Real-time broadcasting, remote broadcasting, and server broadcasting
- Automatic broadcasting through weather data (earthquake, rainfall, water level, etc.)
- Remote inspections of broadcasting result, speaker status, amplifier status, battery
- 300W ~ Built-in digital amplifier up to 1200W
- Classify indoor and outdoor types according to the installation environment



Disaster Forecast, Warning Broadcasting System Configuration



SGA-5K(FK) series

- **WCDMA , LTE , IP** Communication
- External Amp. or **Embedded Amp(300W)**
- Remote Control Function
(Add/Delete Broadcaster, Change Set Value)
- Easy Setup via SMS command and keypad
- Remote telephony broadcast and Anti-howling function
- Amp. Control function
- Result transmission through SMS
- Recording rerun and Speaker check function
- User certification broadcast through caller ID



SGA-BK series

- Power : DC 12V battery
- Communication : WCDMA
- Charging Method : AC 220V , Solar power
- Control Signal : CID, DTMF Detect
- **Amp Capacity : 300W ~ Max 1200W**
- Remote Control Function
(Add/Delete Broadcaster, Change Set Value)
- LCD : 128 * 64 Dots, Graphic LCD, Back-light
- Volume Adjustment : Digital method, 256 step
- 15 Key(built-in buzzer), RS-232 Port
- **Rainfall, Water Level Measurement Function (optional)**
- MP3 files can be played (up to 100 files)
- Automatic Broadcasting Schedule Set
(time, comment, frequency, volume etc.)

Installation Case



Disaster Prediction Alarm Broadcasting System Program

Product Name : UComms

Main Function

Alarm Broadcast Function

- Automatic voice receiver interlocking broadcasting
- Select number of broadcasts, volume, notification bell
- TTS(Text To Speech) Function
- Message box management(memory storage)
- Terminal inspection function
- Reservation setting function

Group and Terminal Management

- Notification destination group setting
- Each group broadcasting function
- Each group automatic broadcasting function
- Enter terminal information

Broadcasting Result Function

- Broadcast result search and inquiry

Village Broadcast Utilization Function

- ID issuance function for each office and town office
- Target location search by ID and broadcast issuance
- Broadcast result lookup function

Rainfall and Water level Interlocking

- Rainfall and water level data collection
- Rainfall and water level inquiry function
- Provide map type, graph type, and status inquiry
- Rainfall data condition search function
- Rainfall and water level data interlocking automatic alarm broadcasting issuance function

Other Features

- Automatic inspection of equipment on the map
- Equipment location indication(latitude, longitude, etc.)

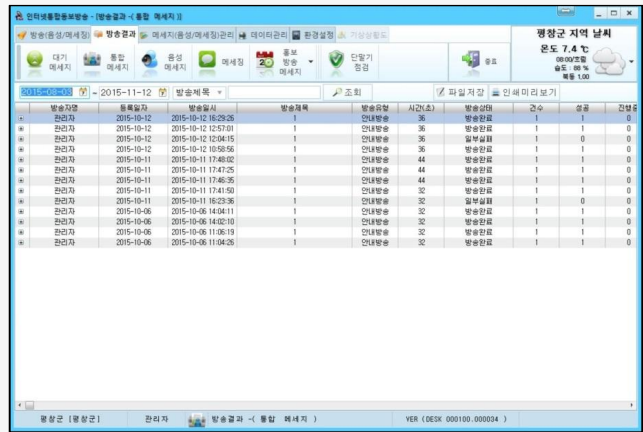
Main Spec.

- CPU : Intel Xeon 3.0 GHz or more
- RAM : Memory 16GB or more
- HDD : SATA 6Gbps 1TB * 2EA
- ODD : DVD+/-RW, SATA,
- Controller : PERC H330 RAID (0,1,5,10,50)
- O/S : Windows Server 2016 Standard or more
- DBMS : SQL Server 2016 Standard or more
- TTS Engine : Male sound, Female sound(choose one)
- IP-PBX : Internet telephony network connection device
- UTM security equipment : Firewall and VPN configuration

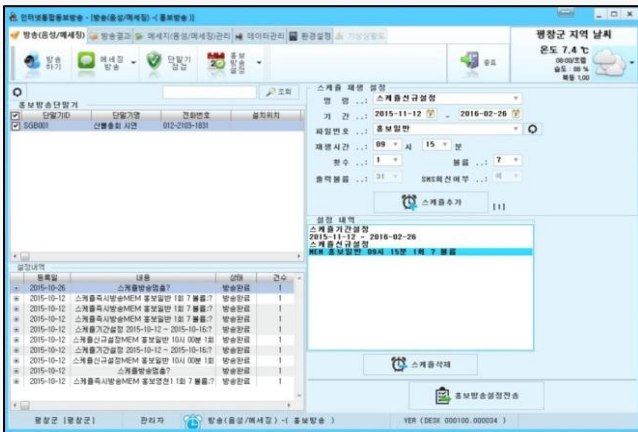




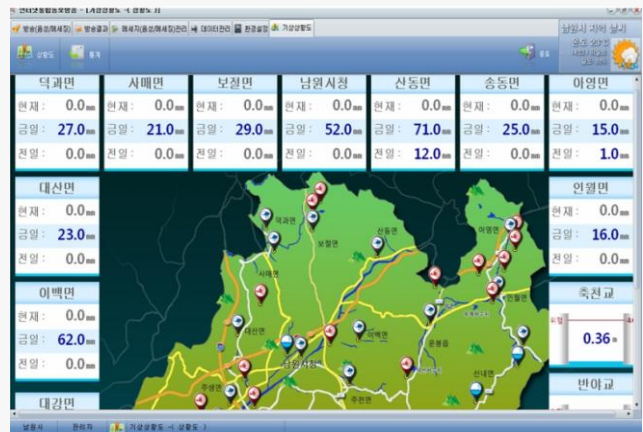
Message Setting



Broadcast Result Inquiry



Reservation Broadcast



Weather Situation Map

Installation Case



Monitor

IP-PBX

UTM security equipment

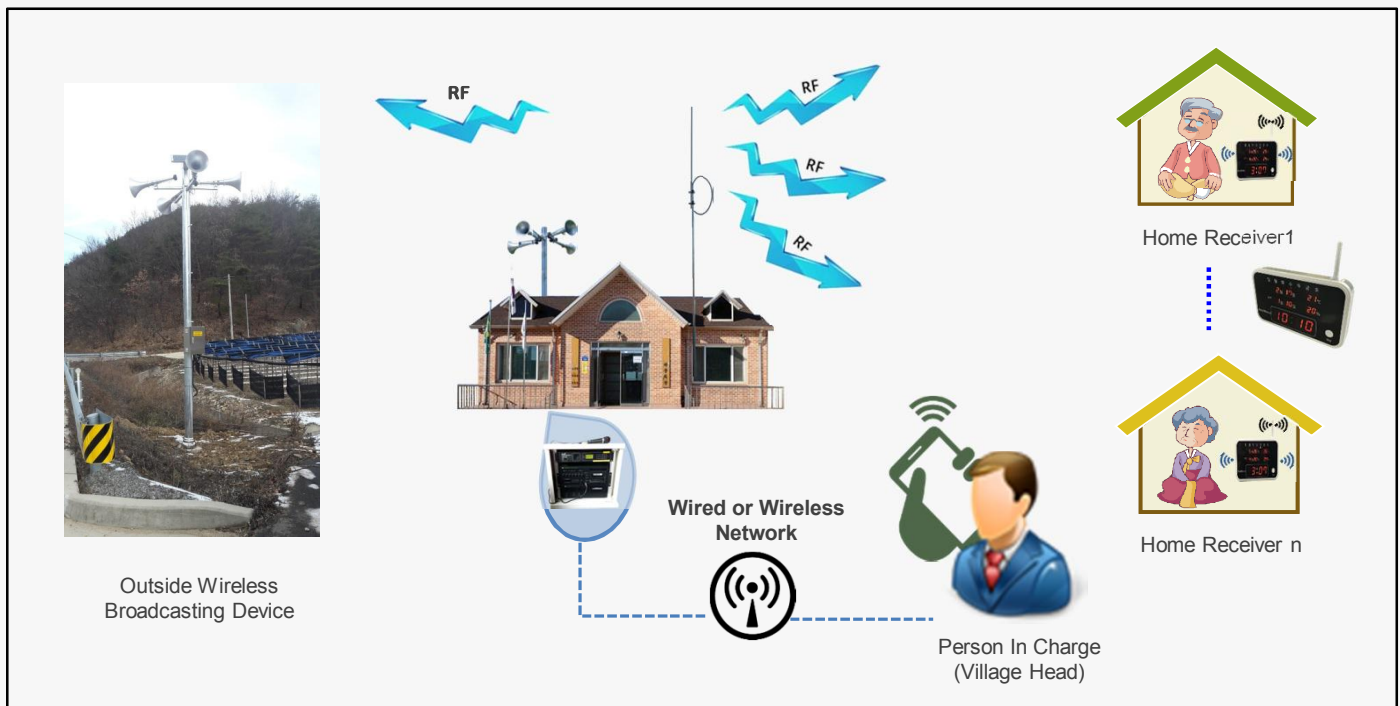
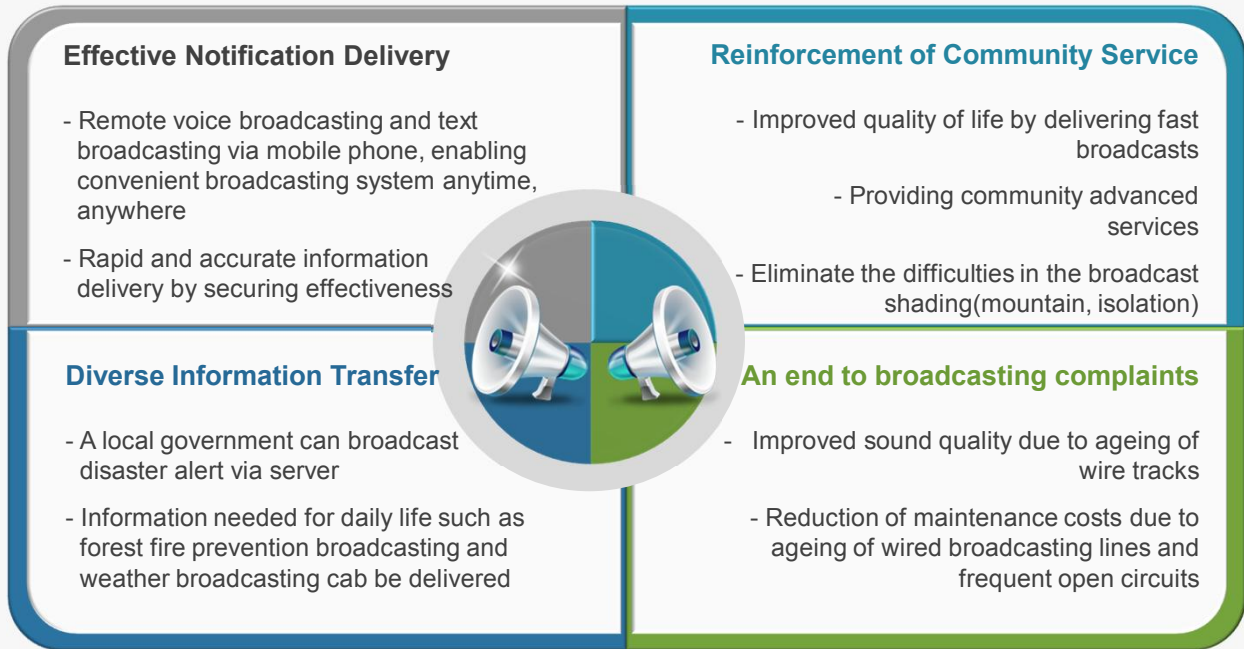
UCommS server

Uninterruptable Power Supply(UPS)

2 Village Notice Information System

Product Name : SGA – DK series, SGA – 5K(FK) series, AnyHome

- LCD Touch Screen
- Clear Sound Quality(Digital System)
- Recorded Rebroadcast(up to 5), Recording and Playback Time Display
- Digital Clock, Temperature & Humidity Display



Village Notice Information System Configuration

**Wireless
Broadcasting
Transmitter**

1등급



2,700 USD

SGA-DK series



Feature of Product

Integrated telephony broadcasting and wireless transmission
Convenient use with touch screen
Playback of sound source from SD card for forest fire prevention promotion, etc.
Remote management(change set value, number of broadcasts)
Dual input devices via touch screen and keypad



Product Specification

Power : AC220V
Mobile Communication Network(Modem) : WCDMA, LTE, IP
Broadcasting Frequency : 422Mhz (Digital, 10 Channels)
7-inch FULL COLOR LCD Touch Screen
USB, LAN, RS-232 external input port
Broadcasting indoor, outdoor, and all category

**Wireless
Broadcasting
Transmitter**

1등급



2,500 USD

SGA-FK series



Feature of Product

Integrated telephony broadcasting and wireless transmission
Playback of sound source from SD card for forest fire prevention promotion, etc.
Remote management(change set value, number of broadcasts)
Easy setup via SMS command and keypad
Can be used in case of power failure by installing internal BAT (optional)



Product Specification

Power : AC220V
Mobile Communication Network(Modem) : WCDMA, LTE, IP
Broadcasting Frequency : 422Mhz (Digital, 10 Channel)
LCD : 128 * 64 Dots, Graphic LCD, Back-light
15 Key(built-in buzzer), equipped with RS-232 Port
USB, LAN, RS-232 external input port

**Wireless
Broadcasting
Transmitter**



2,500 USD

SGA-5K series



Feature of Product

Integrated telephony broadcasting and wireless transmission
Playback of sound source from SD card for forest fire prevention promotion, etc.
Remote management(change set value, number of broadcasts)
Easy setup via SMS command and keypad



Product Specification

Power : AC220V
Mobile Communication Network(Modem) : WCDMA
Broadcasting Frequency : 422Mhz (Digital, 10 Channel)
LCD : 128 * 64 Dots, Graphic LCD, Back-light
15 Key(built-in buzzer), equipped with RS-232 Port
Broadcasting indoor, outdoor, and all category

Home Receiver



200 USD

SGA-AH70

Feature of Product

Date, Time, Day of the week, Temperature, Humidity Display
Recording and play time during recording playback
Automatic time synchronization through wireless broadcasting transmitter
Easy installation(wall mount or stand type)
Recording playback function

Product Specification

Power : DC 12V Adapter
Broadcasting Frequency : 422MHz (Digital)
Speaker output : 5W
Illuminance sensor (Optional)
Material : ABS

Home Receiver



180 USD

SGA-AH60D

Feature of Product

Date, Time, Day of the week, Temperature, Humidity Display
Recording and play time during recording playback
Automatic time synchronization through wireless broadcasting transmitter
Easy installation(wall mount or stand type)
Recording playback function

Product Specification

Power : DC 12V Adapter
Broadcasting Frequency : 422MHz (Digital)
Speaker output : 5W
Material : ABS

Home Receiver



160 USD

SGA-AH50D

Feature of Product

Date, Time, Day of the week Display
Recording time during recording playback
Automatic time synchronization through wireless transmitter
Easy installation(wall mount or stand type)
Recording playback function

Product Specification

Power : DC 12V Adapter
Broadcasting Frequency : 422MHz (Digital)
Speaker output : 5W
Material : ABS

Outdoor Wireless Broadcasting Device



2,070 USD

SGA-7220D



Feature of Product

- Self volume control function
- Playback of sound source from SD card for forest fire prevention promotion, etc.
- Cost reduction due to new wireline construction and maintenance
- SUS material, Equipment protection with double lock

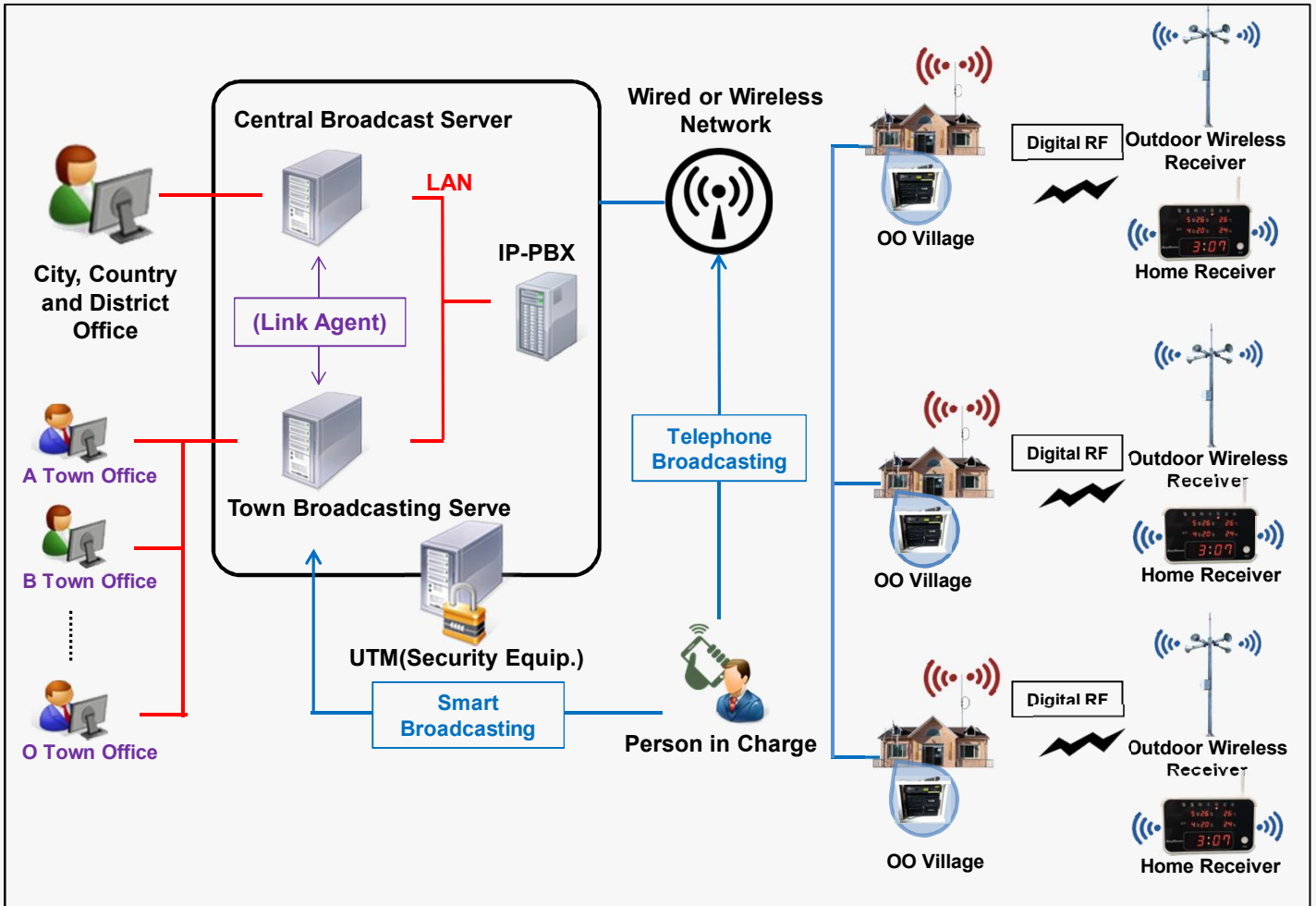


Product Specification

- Power : AC 200V or DC 12V
- Broadcasting Frequency : 422MHz (Digital)
- Built-in Amp : 200W
- Communication Network : RF, WCDMA(Modem) duplication (Optional)

Village Announcement Information System using UcommS Program

- Administrative unit announcement broadcast, forest fire prevention and disaster prediction and warning broadcast
- Remote real-time broadcasting using program in the offices (reserved broadcasting)
- TTS (text) broadcasting using a smartphone
- Simultaneous broadcasting of remote villages (Nature Village) using a smartphone

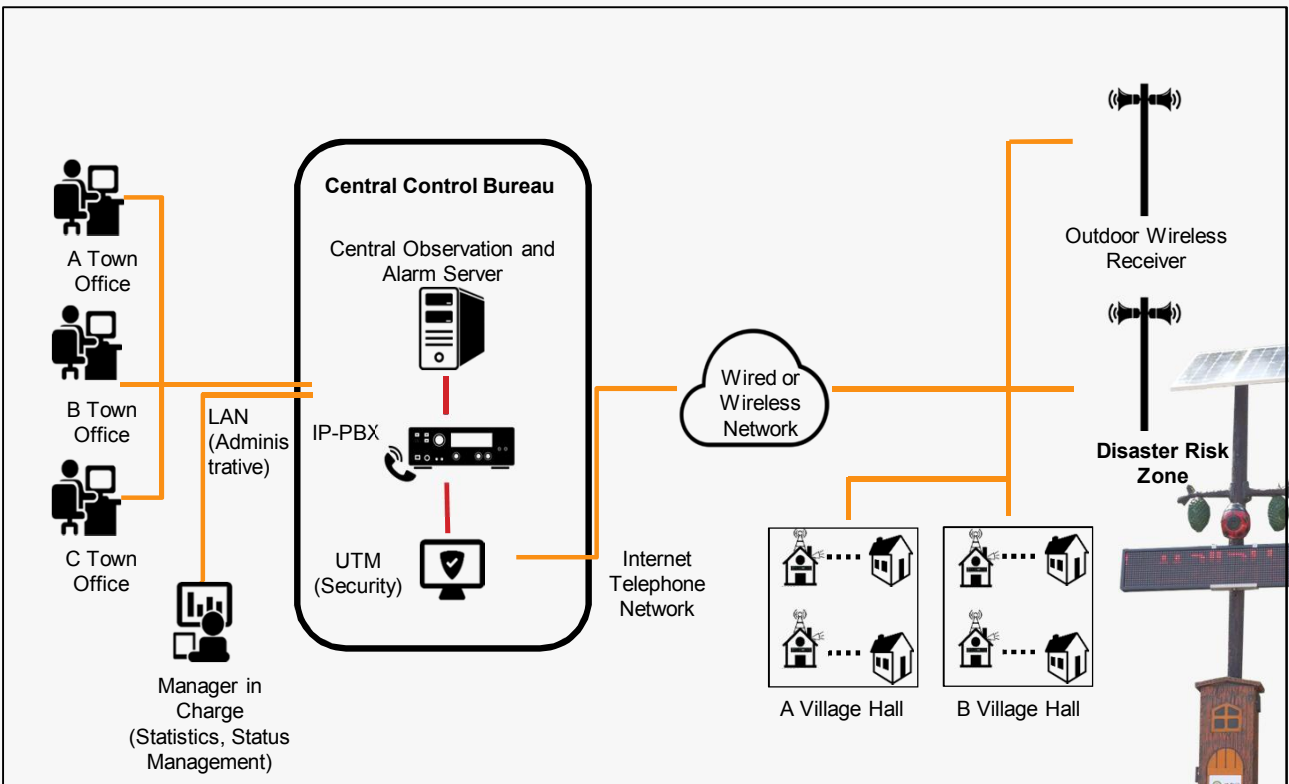
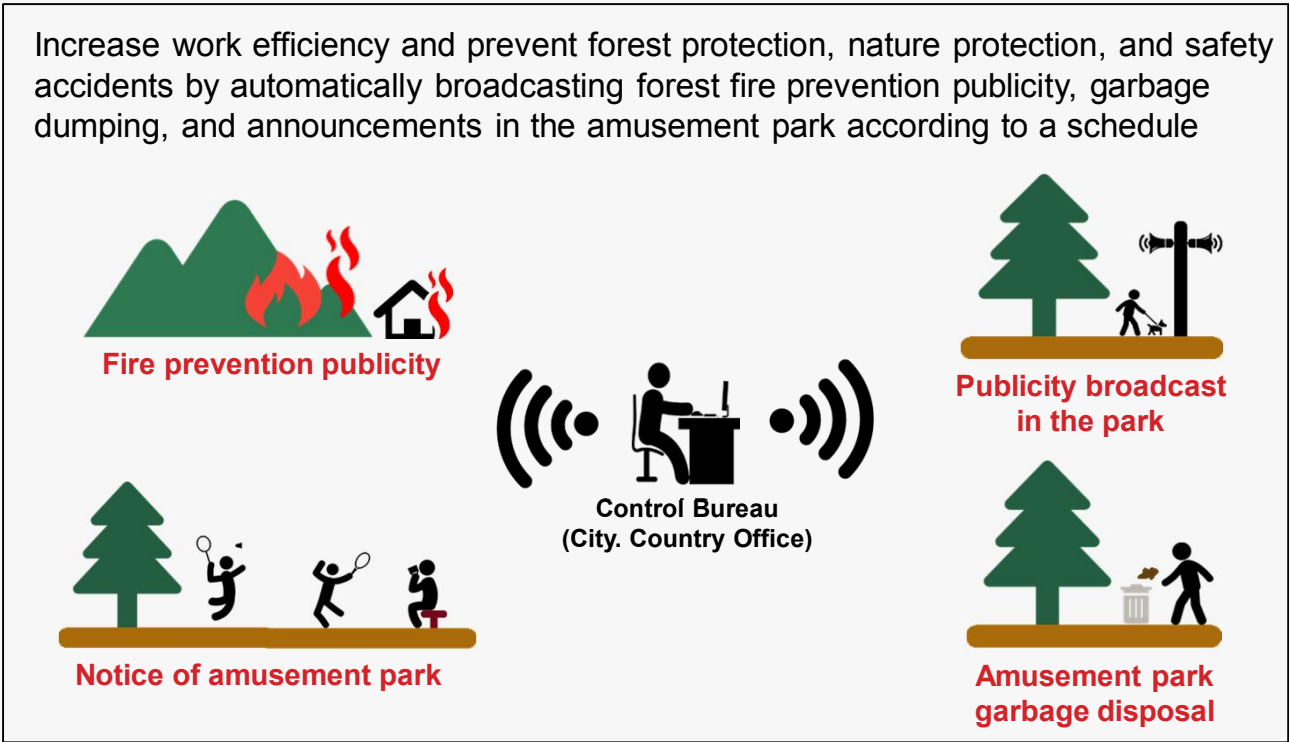


Installation Case



3 Forest Fire Prevention Publicity System

- Scheduled forest fire prevention broadcasting, garbage dumping, safety accident prevention broadcasting in amusement park
- Automatic broadcasting through sensor detection
- Automatic broadcasting through weather data (earthquake, rainfall, water level, etc.)



Forest Fire Prevention Publicity System Configuration

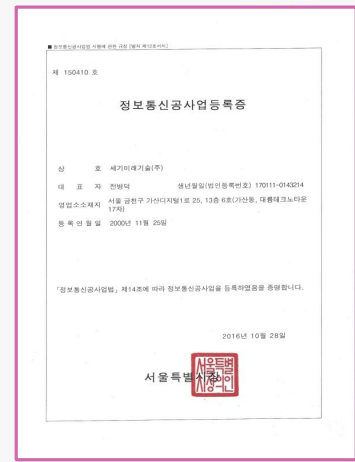
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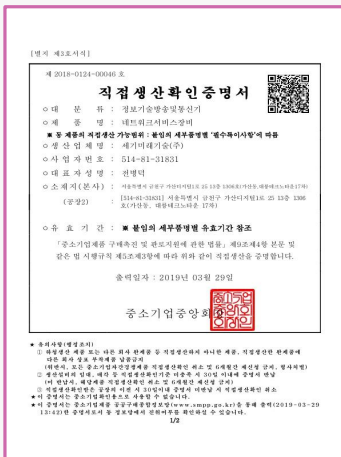
Business Registration



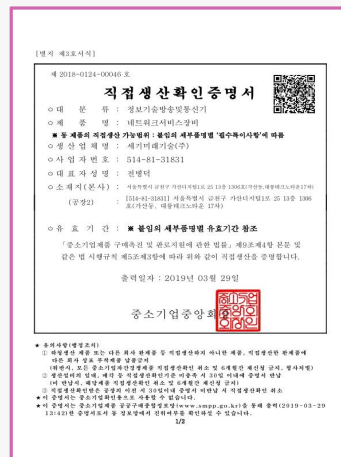
Research Institute



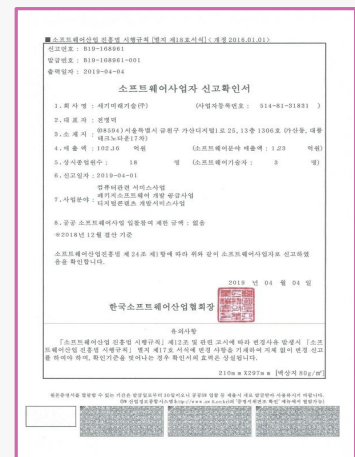
Information and Communication Construction Business



Direct Production Verification Certification (Broadcasting Device)



Direct Production Verification Certification (Village Wireless Broadcasting)



Software Business Confirmation

<http://www.segi21.com/>

Disaster Prediction, Alarm and Wireless Broadcasting Solution Professional Technology Innovation Company



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