

## Next-Level Smart Alerts Making Hazards Visible and Audible!



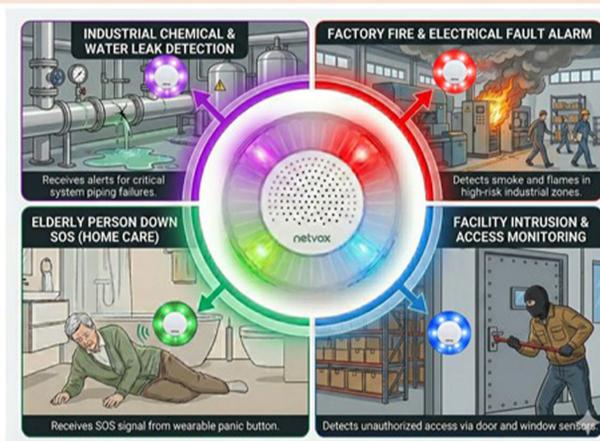
# R603

Wireless Customized Voice Announcer  
with  
Multicast Capability

**PATENT  
PENDING**

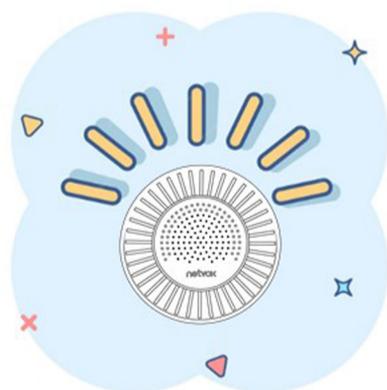
We are excited to announce the latest updates to our **R603 Wireless Customized Voice Announcer**. With the new features added, we continue to enhance safety and operational efficiency in various industrial, smart city, and building security applications. The R603 now includes the following powerful new functionalities:

## Upgraded Features



### Customizable Lights for Precise & Intuitive Alerts

- Users can now specify the color of the alarm light based on the type of alarm. This flexibility allows for better differentiation between alarm types, helping to quickly identify specific issues.
- The RGB LED can be programmed to display any color, with individual color values adjustable between 0 and 255.



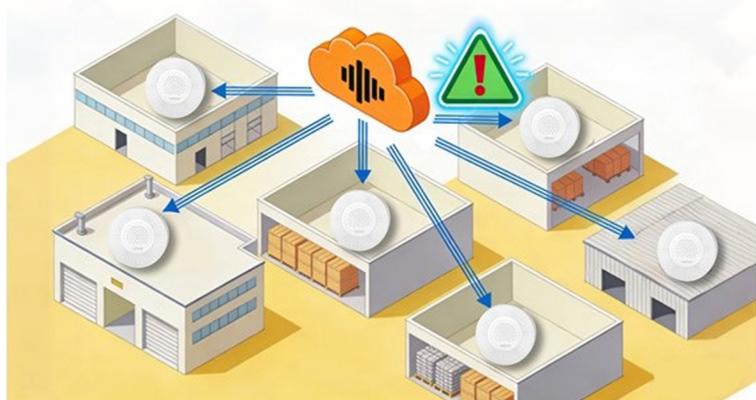
### New Constant-On Alarm Light Mode

A new **constant-on mode** is added to the existing flowing light and blinking modes.

Light modes can be selected based on scenario requirements—constant-on for daily inspection reminders, blinking for emergency faults—to meet diverse alert needs.

# Multicast Powered Efficient Alerts

Equipped with LoRaWAN multicast communication technology, the R603 enables **one alarm signal to be sent to multiple terminal devices simultaneously**, breaking the efficiency bottleneck of unicast transmission.



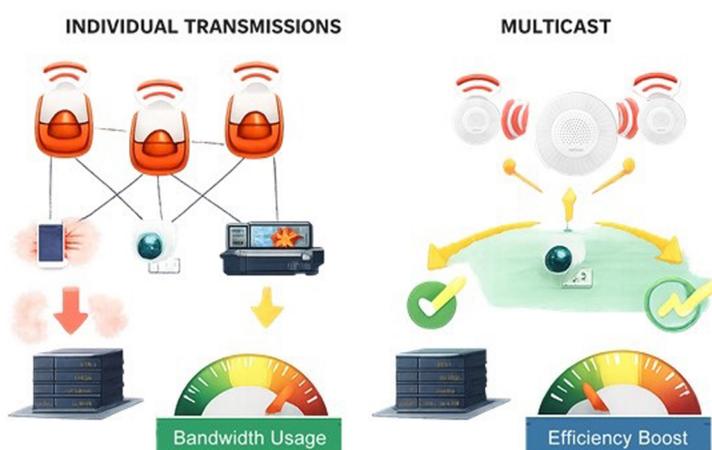
## Instant Response

Alarm commands reach all monitoring points simultaneously with zero delay or omission, drastically cutting down emergency response time.



## Multi-Layer Linkage

Seamlessly integrates with other LoRaWAN devices to build a multi-level, automated alarm linkage system.



## Cost & Efficiency Optimization

Compared with traditional unicast mode, multicast technology effectively reduces network bandwidth usage and improves overall system efficiency. It also eliminates signal blind spots and ensures full-coverage alerts.

# Additional Features

## Custom Alarm Voice

- Built-in 16M memory allows uploading of various voice files, including welcome messages, fire alarms, anti-theft reminders, no-smoking warnings and access control prompts.
- Voice content can be customized on demand to fit the broadcasting needs of different application scenarios.



## Adjustable Volume + Mute Mode

- Increase volume for noisy industrial environments
- Lower volume or enable mute for quiet offices to avoid noise interference



## Backup Battery Power Supply

- Built-in backup battery ensures uninterrupted operation even during power outages, keeping alerts active at all times.

