

## Enhancing Safety with Multicast for Faster, Smarter Alerts!



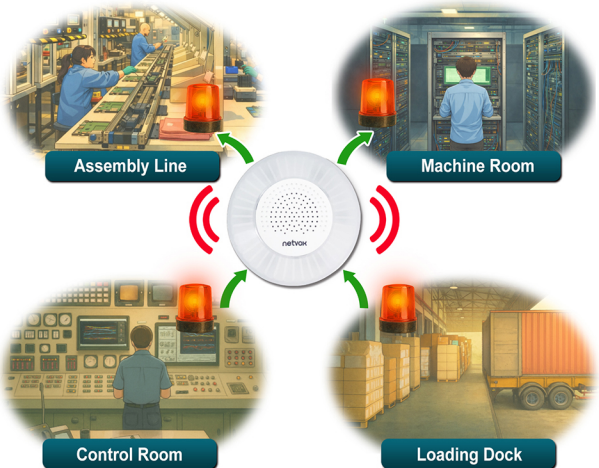
# R60-3

Wireless Customized Voice Announcer  
with  
Multicast Capability

**PATENT  
PENDING**

The R603 Wireless Customized Voice Announcer integrates multicast functionality, enabling a single alarm signal to be sent to multiple receiving devices at once, greatly improving response efficiency. It's ideal for multi-device linkage in industrial and smart city scenarios.

## What is Multicast?



## Instant & Wide Alarm Coverage

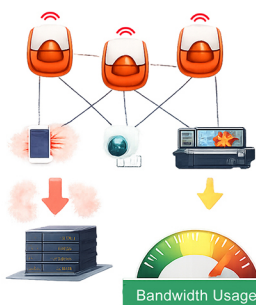
One alarm signal is transmitted to multiple devices at the same time, ensuring immediate response at every alarm point and reducing response time.



## Flexible Multi-Device Linkage

Supports integration with other LoRaWAN devices, enabling multi-layered alarms and automated responses.

### INDIVIDUAL TRANSMISSIONS



### MULTICAST



## Reduce Network Load

Compared to individual transmissions, multicast reduces bandwidth consumption and enhances system efficiency.



## Improved System Reliability

Sending alarm signals to multiple devices improves system reliability, ensuring comprehensive coverage with no blind spots.

# Application Scenarios

## Smart Factories & Production Lines

Multiple alarms go off at the same time when a fault or equipment overheating occurs, ensuring fast response from workers.

### Application:

Ideal for production workshops, equipment inspection, and emergency shutdown situations.



## Building & Campus Security

Multiple security monitoring points in a building trigger alarms, ensuring that safety hazards are communicated to all areas promptly.



### Application:

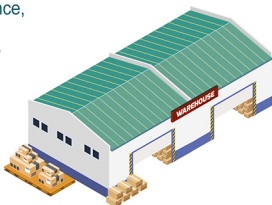
Ideal for commercial buildings, office parks, residential complexes, etc.

## Warehouse & Inventory Emergency

The alert is transmitted simultaneously to the loading area, storage, maintenance, and control rooms, ensuring every department is aware of any emergency situation.

### Application:

Ideal for warehouse zones, inventory management, etc.



# Additional Features

## Customizable Broadcast Voice

- Built-in 16M memory for uploading audios for different applications, such as welcome, emergency event, theft, smoking, poor air, closing music, doorbell, fire, occupancy...



## Programmable RGB LED Color & Flash Modes

- Change LED to any color you like.
- The three RGB colors, with each color value adjustable between 0 and 255.
- Two flash modes available : **Flowing Light Mode** & **Blinking Mode**.



## Adjustable Volume and Mute Mode

- Increase the volume for noisy places.
- Turn down the volume or mute for quite places.



## Backup Battery

- Non-stop operation even when a blackout occurs.

