

Remote monitoring of AEDs with NB-IoT technology to manage a large number of AEDs installed in different areas

- Automatically identifies different audio frequencies of AED's daily self-test results
- Detects the opening and closing of the AED cabinet and whether the AED is in the cabinet
- Instantly uploads the status to the management system to keep track of each AED

■ WAIOT-N main unit

- Uses NB-IoT technology with the advantages of IoT monitoring such as low power consumption, wide coverage, and high security
- Equipped with a sound receiving module detects the AED self-test sounds and uploads the identification results to the user-owned management system or WhaleTeq AED CMMS PLATFORM
- Identifies the AED status represented by different self-test audio frequencies such as normal, abnormal, and low battery
- Power failure notification when a sudden power failure results in insufficient power supply, a message will be sent to notify the user of the power failure at the AED installation site

■ With the IoT bridge

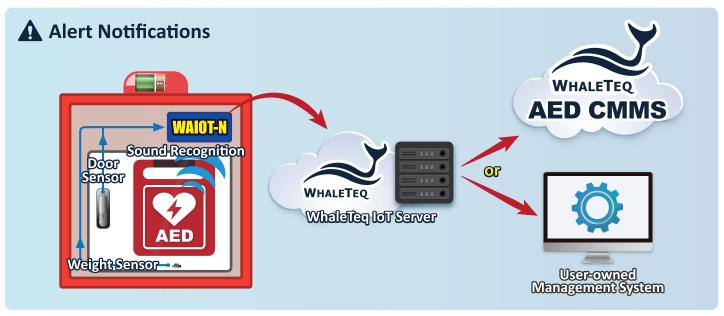
- Detects the opening and closing of the AED cabinet and whether the AED is in the cabinet, etc., and uploads the status to the management system in real time
- Users can remotely monitor the AED status to reduce the AED theft rate
- Integrates with different emergency systems to remotely activate the buzzer of the AED cabinet assists the rescuers in quickly reaching the AED and seizing the prime time for first aid

■ With AED CMMS PLATFORM*

- Displays with different lights (green light, yellow light, red light) to distinguish the status of each AED and allows users to keep track of all AED equipment
- Lists all recorded status of a single AED to automatically generate reports and send alert notifications

Test software

Provides test software for acceptance of on-site installation and regular testing WAIOT-N performance – tests functions such as alarm switch, AED cabinet status, AED equipment status detection, SIM card signal, and status of the connection to the server, etc.





Specifications

• WAIOT-N Main Unit

	Specifications	
General Specifications		
Antenna	Band 1, 2, 3, 4, 5, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 66, 71, 85	
SIM Card Type	Nano-SIM	
Power	5V 1A DC Power Adaptor	
Mechanical	Housing: Aluminum Size (L x W x H): 6.1 x 8.4 x 2.25 cm Weight: 81.8 g	
Sound Detection Specifications		
Audio Frequency Analysis Algorithm	Max: 2 KHz	
Tolerance	±15.6 Hz (±4 KHz/256)	
Alarm/ Siren Detection Frequency	440, 500, 560, 800, 1000, 1200 Hz	

WAIOT-N IoT Bridge

	Specifications
Port	Buzzer, AED, AED cabinet
Mechanical	Housing: Aluminum Size (L x W x H): 5.0 x 6.6 x 0.82 cm Weight: 43.2 g

Ordering Information

• AED NB-IoT Module Main Set

Part No.	Description	Quantity
100-OT00002	Model No.: WAIOT-NM Model Name: AED NB-IoT Module	1
S92-0200011	5V 1A DC power adaptor	1

• Optional AED IoT Bridge Set

Part No.	Description	Quantity
100-OT00003	Model No.: WAIOT-NB Model Name: AED IoT Bridge to cabinet enclosure	1
K29-0100301	2*3 pin terminal block cable (male to male) (10cm)	1

Optional On-Site Inspection Tool Accessory

Part No.	Description	Quantity
K27-1800305	USB to UART 1*4 pin cable (TTL) (male to male) (180cm)	1

Optional IoT Services

Part No.	Description
H40-1C00001	IoT server setup fee
H40-1C00002	IoT server usage fee







