

WAIOT-N AED NB-IoT Module



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

COMING SOON!

■ 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.

*Note: WhaleTeq provides free IoT server setup and usage services if the user adopts the AED CMMS PLATFORM.

⚠ Alert Notifications



📶 Remote Call



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	Max: 2 KHz
Analysis Algorithm	
Tolerance	±15.6 Hz (±4 KHz/256)
Alarm/ Siren	440, 500, 560, 800, 1000, 1200 Hz
Detection Frequency	

• 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



WAIOT-N
Scan for
more information

🌐 www.whaleteq.com

✉ service@whaleteq.com

🏠 8F., No. 125 Songjiang Rd., Zhongshan Dist., Taipei City 104474, Taiwan

☎ +886-2-2517-6255

🖨 +886-2-2596-0702