NSM010 LORA ENABLED WIRELESS SIREN

HIGH-VOLUME ALARM WITH STANDOUT LED, TRULY WIRELESS DESIGN..

A smart wireless alarm that communicates seamlessly with other devices through a wireless network. This advanced alarm features a high-decibel speaker and high-brightness LED, capable of detecting sound and light alarms. Equipped with the SX1276 wireless communication module, it ensures reliable and efficient communication.

- **LoRaWAN™ Class C Compatible**
- **Utilizes SX1276 Wireless Communication Module**
- **High-Decibel Speaker and High-Brightness LED for Sound and Light Alarms**
- **Remote Sound Control and Light Control**
- **Frequency Hopping Spread Spectrum (FHSS)**
- **Configuration Parameters Easily Configured via Third-Party Software Platforms**
- **Applicable to Third-Party Platforms: Actility / ThingPark, TTN, MyDevices / Cayenne**
- **Low Power Consumption and Extended Battery Life**

KEY SPECIFICATIONS

Category	Feature	Specification
Electric	Input Power	DC +12V
	Working Current (Max)	250mA (DC 12V)
	Standby Current (Max)	30mA (DC 12V)
	Alarm Sound Lever (at three meters)	≥80dB
Frequency	TX Power	EU868 16dbm
	Receiving Sensitivity	-136dBm (LoRa, Spreading Factor=12, Bit Rate=293bps) -121dBm (FSK, Frequency deviation=5kHz, Bit Rate=1.2kbps)
	Antenna Type	Built-in Antenna
	Communication Distance	Up to 10 km (actual transmission distance depends on the environment)
Data Transfer Rate	LoRa	0.3kbps～50kbps
	FSK	1.2kbps～300kbps
Physical	Dimension	Φ85mm * 52mm
	Environment Temperature	-20℃ to 55℃
	Environment Humidity Range	<90% RH (No condensation)

FEATURES AT A GLANCE

YOUR WIRELESS NETWORK
Develop a fully owned private LoRa network to capture, route and process IoT data for your application at multiple facilities.

RUGGED DURABILITY WITH A BROAD SENSOR ARRAY
Robust enclosures provide a resilient platform for recording and delivering data from within a range of harsh environments.

COMPREHENSIVE SECURITY AND RELIABILITY
Robust multi-layer security at each interface to safeguard your network at every level.

BROAD CERTIFICATION AND APPROVALS
CFR 21 (part 11), PPECB, FCC, IC, CE, ASNZS, NCC, and Bluetooth SIG listing.

THE PLATFORM FOR BUILDING ACTIONABLE IoT INTELLIGENCE
Route sensor data to the cloud with NviroSense's simplified wireless connectivity deployment.

PERSONAL SUPPORT FOR YOUR IMPLEMENTATION
Support works with NviroSense engineering to help configure and deploy your application.

APPLICATION AREAS

PHARMACEUTICAL WAREHOUSING

COLD CHAIN MANAGEMENT & FOOD SAFETY

IN-FIELD AGRICULTURAL MONITORING

INDUSTRIAL & MINING APPLICATIONS

NVIROSENSE SUPPORT

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