

SafeAlert

LoRaWAN® and BLE Device for Instant Panic Event Notification

TEKTELIC's SafeAlert Sensor is a compact, mobile, wireless BLE panic button that transmits an emergency signal from any location. The Panic Button is ideal for lone workers, seniors, and children to signal for help in an emergency situation. When triggered, this device instantly sends an SOS message containing location details to designated support staff or security personnel to ensure a rapid response in the event of a panic situation. This device combines the long-range, low-power communication capabilities of LoRaWAN® with the universal availability and reliability of Bluetooth Low Energy (BLE) to provide real-time location information. SafeAlert is seamlessly integrated with TEKTELIC's end-to-end IoT solution.

Technical and Functional System Specifications

General System Parameters

Operational Temperature	0°C to +60°C
Ingress Protection	IP67
Size	70x 22 x 25 mm
Battery	AA LTC

LoRa Parameters

RF Power	15 dBm
RF Sensitivity	up to -137dBm (SF12, 125kHz)
ISM Band	All Global ISM Bands
Antenna	Internal
LoRa Device Class	Class A

Regulatory Compliance

Safety	IEC 60950-1 (CE)	
Regulatory	ETSI EN 300 220	
	ETSI EN 301-489-1/-3	
	FCC 15.247	FCC 15.209
	RSS-247	RSS-GEN

Specifications subject to change without notice.



Key Features and Applications

- » 10 Year Battery Life (2x Transmissions per Day)
- » Lone Worker, Senior Care, Children Monitoring
- » Bluetooth Low Energy Functionality
- » Data Transmission via LoRaWAN® and BLE
- » All Global ISM Bands
- » Small Form Factor for Diverse Deployments
- » Easily Integrated into LoRaWAN™ Networks
- » Internal Antenna
- » Sleek, Comfortable Design