

Contact Tracing Solution - Indoor

LoRaWAN® Connected Device for Indoor Contact Tracing and Social Distancing

The TEKTELIC Contact Tracing Solution is a comprehensive, reliable enterprise contact tracing solution designed to get businesses back to work safely, but also keep operations running at maximum capacity even in the event of a positive COVID case. The TEKTELIC Contact Tracing Solution records all contacts made with another device, and will sound audio alerts when social distancing measures are not maintained. Get your employees back into the office, back into the field, back into the work force as quickly and safely as possible.

The small, un-intrusive form factor accommodates a sleek and comfortable wearable experience for any difficult RF environments such as indoor worksites, schools, correctional facilities, and hospitals.

Technical and Functional System Specifications

General System Parameters

Operational Temperature	-0°C to +60°C
Ingress Protection	IP31
Size	72 x 28 x 32 mm
Battery	AA (Replaceable)

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 / Class C

Regulatory Compliance

Safety	IEC 60950-1 (CE)	UL 62368-1
Regulatory	ETSI EN 300 220-1 / ETSI EN 300 220-2	
	ETSI EN 301-489-1/-3/17	
	FCC 15.247	FCC 15.209
	RSS-247	RSS-GEN

Specifications subject to change without notice.



Key Features

- » Minimum 3 Months Battery Life
- » Proximity Detection
- » Sleek, Wearable Form Factor
- » Vibration/Haptic Feedback Capability
- » Push Button for Help
- » Belt, Necklace or Lanyard Clip
- » Easily Integrated into LoRaWAN® Networks
- » End-to-End Solution
- » IP31 Ingress Protection