KONA All-in-One Home Sensor

LoRaWAN™ connected Home and Office Environment Monitoring

The KONA Home Sensor integrates a lot of useful functionality into a very small form factor. The Home Sensor is ideal for holistically monitoring the home environment, whether it is measuring and reporting temperature, humidity, light, movement, motion, shock, or detecting leaks, open / closed doors and windows or other custom features. It also supports battery status for easy maintenance.

The sensor is optimized for long battery life and excellent RF performance. It is fully configurable over-the-air by the user for custom applications, behaviours, thresholds, trigger events and reports, enabling it to support many different Smart Home IoT applications with the same device. The Home Sensor can be cost effectively and quickly modified for other applications and deployments, or custom packaged if required.

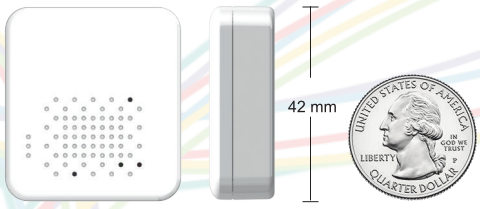
General System Parameters	
Operational Temperature	0°C to +40°C
Ingress Protection	IP30
Size	42 x 42 x 14 mm
Weight	20 g
Battery (up to 10 year life)	CR2450 (replaceable)

LoRa Parameters	
RF Power	20 dBm (100mW)
RF Sensitivity	up to -140dBm
ISM Band	US 915MHz, EU 868MHz
Antenna	Internal
LoRa Device Class	Class A or B

Regulatory Compliance	
Safety	IEC 60950-1 (CE)
Environmental	ETSI EN 300 019-2-1, 300 019-2-2 ETSI EN 300 019-2-3, 300 019-2-4
Regulatory	FCC 15.247 RSS-247 FCC 15.209 RSS-Gen

Applications

- **Movement Detection (Doors, Drawers)**
- **G-Force Measurement (Settable Trigger)**
- **Motion Detection (PIR)**
- **On / Off External Contact**
- **On / Off Internal Magnetic Switch**
- **Pulse Reading (Water, Gas, other metering)**
- **Light Detection**
- **Temperature Measurement**
- **Humidity Measurement**
- **Moisture / Leak Detection**



Specifications subject to change without notice.

TEKTELIC Communications is a premier supplier of best-in-class LoRaWAN™ IoT Gateways, Sensors, and custom applications. These elements combined provide a powerful end-to-end solution that can be easily, quickly, and cost effectively deployed to address the most demanding IoT challenges.

For more information please visit www.tektelic.com

TEKTELIC communications

LoRa Alliance Member