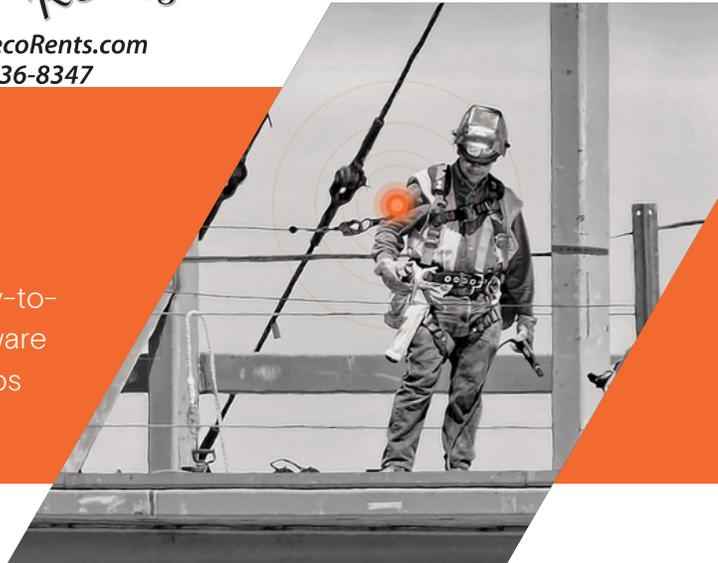# The Future of Industrial Safety Starts Here

The SlateSafety BAND V2 is the most robust, rugged and easy-to-use connected safety wearable ever built. No additional hardware is needed to monitor the largest teams doing the toughest jobs over the largest areas.
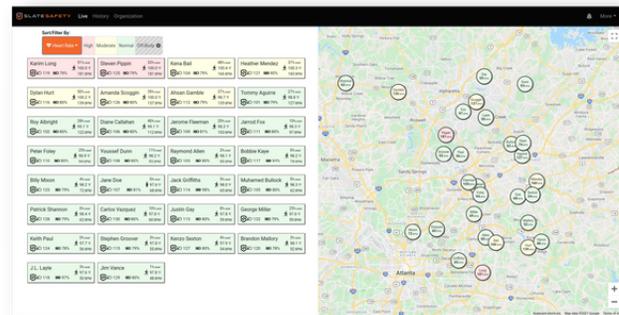
## BAND V2 Features

- Monitor your most valuable assets from any internet-enabled device or perform the job and download the data later for evaluation
- Manage worker safety by enabling haptic or LED feedback alerts when a person is working outside biometric baselines
- 'Over the air' updates expand product lifetime value and allow for easy deployment on future feature expansion (i.e. fall detection)
- Open integration architecture for seamless data transfer to current company systems
- Compact, discreet design allows device to blend in seamlessly under PPE

## Insights

- Heart Rate
- Core Temperature
- Exertion
- Fall Detection
- GPS Location
- Haptic or LED Feedback
- Distance Traveled
- SOS Tap Alert

Web interface and real-time alerting

## Enabled Awareness

Administrators can interact with all devices from a single, centralized, cloud-based platform that provides live or historical insights of personnel.

- Live and Historical Tracking
- Detailed Analytics and Reporting
- Instant Alerts to Wearers and/or Supervisors

## Modes of Operation

**Standard**
- Utilize cellular signal if available otherwise store collected data on device

**Cell Denied**
- Radio network for cell denied areas connects via mobile app for offline use

**Alert Only**
- Enhanced user privacy, only alerts are sent to the cloud, not location or biometrics

**Offline**
- Data is recorded and stored in device onboard memory for later download

# BAND V2 Specifications

## General Information

| | |
|---|---|
| Chipset | ARM Cortex-M33 |
| Memory | 32 MB (Over 300 hrs of continuous offline use) |
| Weight (band and strap) | 82g |
| Dimensions | 2.7" x 2.8" x 0.53" / 68.6mm x 71.1mm x 13.5mm |
| Ruggedization | IP68, High impact polycarbonate plastic |
| Strap | Durable Polyester, Nylon hook and loop, Elastic Rubber |
| Ports | Proprietary dual magnetic charging port |
| Operating Temperature, Humidity | Durable Polyester, Nylon hook and loop, Elastic Rubber |
| Storage/ Charging Temperature | 0C to +45C |

## Connectivity

| | |
|---|---|
| Bluetooth | Bluetooth® 5.3 |
| Cellular Data | LTE-M / NB-IoT (subject to regional support) |
| GPS | L1 Band |

## Sensors

| | |
|---|---|
| 6-Axis IMU | Gyroscope, Accelerometer |
| Body Proximity Sensor | Advanced On Body Detection |
| PPG Sensor | Industry-leading sensor. Measuring a wide variety of biometric data |

## Feedback

| | |
|---|---|
| Vibration | High G-force haptic motor |
| LED | Quad RGB LED indicators |

## Battery

| | |
|---|---|
| Capacity | 700 mAh, 3 Wh, Lithium-ion polymer, UL1642 Certified |

## Security

| | |
|---|---|
| Security | Arm TrustZone, End to End Data Encryption |

## Compatibility

| | |
|---|---|
| PPE | Designed to be worn underneath Standard PPE equipment |

## Included Accessories

| | |
|---|---|
| Inside BAND V2 Box | BAND V2, CHARGER V2 Cable, CHARGER V2 AC/DC Adapter, BAND V2 Information Booklet, STRAP V2 |

## Accessories

| | |
|---|---|
| MULTI-CHARGER V2 | High capacity charging system |
| GATEWAY V2 | Network adapter for cell-denied or restricted areas |
| BEACON V2 | Environmental/Zone tracking for GPS denied areas |

## CHARGER V2 Specifications

| | |
|---|---|
| Cable | High capacity charging system |
| AC/DC Adapter | Input: 100VAC - 240VAC 50/60Hz<br>Output: 6.2VDC, 1A<br>UL Listed : E502188 |