

*Innovation that Saves*

## **BAND V2** HEAT STRESS MONITOR

*The 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.*



## **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*

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**SCHAUBURG**  
Systems

A company of the SCHAUBURG International Group

## INSIGHTS



Heart Rate



Core Temperature



Exertion



Fall Detection



GPS Location



Haptic or LED Feedback



Distance Traveled



SOS Tap Alert

## MODES OF OPERATION

### Standard

Utilise 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

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	-20C to +55C, 5% to 95% relative humidity (non condensing)
Storage/ Charging Temperature	0C to +45C

Connectivity	
Other Radios	BLE
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 Output: 6.2VDC, 1A; UL Listed : E502188

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