SLATE SAFETY

BAND V2

The Future of Industrial Safety

The first reliable, rugged, easy-to-use safety wearable for large workforces, teams and individuals in physically demanding roles.

Features

- Exertion
- GPS
- Heart Rate
- SOS TapAlert
- Core Body Temperature
- No Movement Detection
- Heart Rate Limit Value
- Fall Detection

How the BAND V2 Works

The BAND V2 is a compact wearable that monitors worker biometrics in real time or stores data for later review. It sends alerts when someone exceeds safe thresholds, integrates easily with existing systems, and supports over-the-air updates for future features—all while fitting comfortably under PPE.

Enhanced Privacy Features

SlateSafety prioritizes privacy with advanced features that ensure personal data is protected while maintaining safety. Enhanced privacy options allow for greater control and peace of mind:

- Alerts Only Mode
- Biometrics Disabled Mode
- Anonymous Bands
- Anonymizing Users

SlateSafety Platform & Mobile App

SlateSafety's platform and mobile app, SlateSafety Go, provide administrators with a centralized, cloud-based system to manage all devices in real time. Whether viewing live or historical data, you gain access to detailed analytics and reporting, and receive instant alerts when thresholds are exceeded—directly notifying both wearers and supervisors to ensure quick action and enhanced safety.

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	-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