



# Black Creek Model PASS-5B TSI PRISM™ INMATE TAG WITH HEART RATE MONITORING



integrity - innovation - quality



## Product Overview

With its small profile, expanded feature set, available sub-meter tracking accuracy and reduced price, the PASS-5B Inmate Tag represents a quantum leap forward in real-time inmate tracking technology.

Designed for the uncooperative wearer, the PASS-5B is constructed of engineered thermoplastic materials that will stand up to the abuse and environmental conditions typically encountered in a correctional facility providing years of dependable service.

Removal-resistant installation on the wrist is accomplished through the use of a laminated polymer strap with a stainless steel clasp that requires a special tool for installation and removal.

Installation security is provided by a biometric detection circuit that monitors and transmits the inmate's heart rate for use by the system. Device

removal or heart rate excursions above or below individually-configurable levels will cause an alarm to be annunciated on system monitoring workstations assuring immediate staff notification of anomalies

An integral NFC Tag is provided to facilitate mapping of the device to an individual inmate and for interface to third party commissary or other point-of-sale systems.

Battery life can range from 3 months to 5 years depending on transmission and heart rate monitoring intervals and is monitored and annunciated by the system. Batteries are field-replaceable using inexpensive, coin-type batteries.

Device cleaning and sanitization between uses is easily and quickly accomplished on a batch basis through the use of an ultrasonic cleaning system.

**BLACK CREEK INTEGRATED SYSTEMS CORP.**

**E-MAIL:** SALES@BLACKCREEKISC.COM **WEB:** WWW.BLACKCREEKISC.COM

**TELEPHONE:** 205.949.9900 **FAX:** 205.949.9910

# Specifications

## MECHANICAL

### Housing

- Shell – Eastman Tritan™ Copolyester TX2001
- Backplate – 316 Stainless Steel

### Strap

- Material – polyurethane with polycarbonate core
- Secured with anti-tamper locking clasp
- One size fits all, intended to be worn by male and female inmates ages 12 and up
- Pull Test – >45lbs

**Total Device Weight** – 1.4 oz. [39g] including strap

**Integral NFC Tag**– for interface to third party applications

## APPROVALS

- FCC (United States)
- CE (European Economic Area) (Pending)

## ENVIRONMENTAL RATINGS

- Operating Temperature Range – -10° to +60° C
- IP68 – Withstands dust, dirt, sand, and submersion up to a maximum depth of 1.5m for up to thirty minutes
- IK10 – Resists a 5kg object dropped from 40cm
- IEC 680068-2-31 – Rough-handling, shocks
- Withstands random drops to concrete of over 3 feet

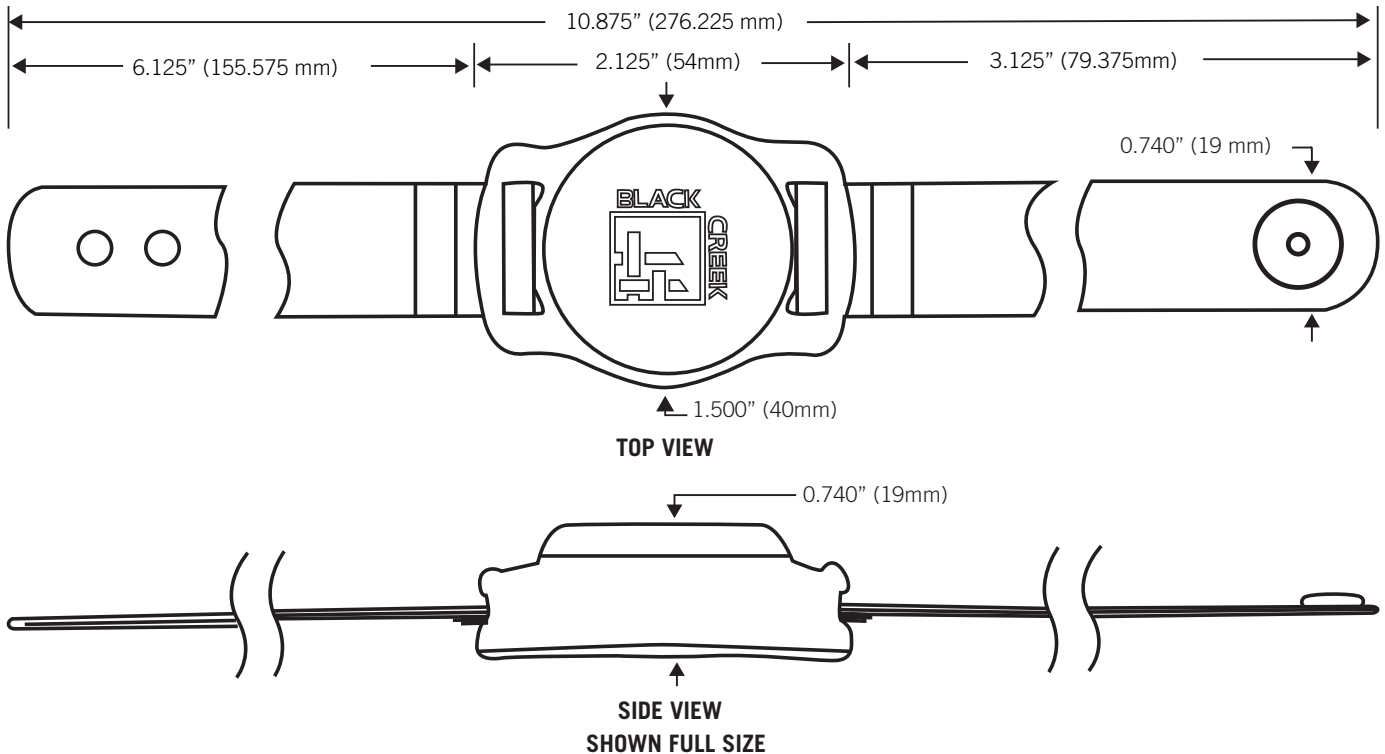
## COMMUNICATIONS

- ISM 2.4 GHz, two-way transmission
- Back-channel programmability
- Over-the-air upgradeable

# Features

- Designed for correctional use
- Small form factor
- Sub meter tracking accuracy
- Heart Rate Monitor
- Resistant to body oils, soaps, lotions
- Rapid installation & removal
- One-time, tamper-proof, disposable clasp
- 3 month to 5 year battery life
- Field-replaceable batteries
- Field cleaned & sanitized
- ½ the cost of previous models
- > 5 Year expected useful life
- Integral NFC tag

# Dimensions



**DISCLAIMER:** The data provided by the PASS-5B heart rate monitor is only intended to be an estimation of the person wearing the PASS-5B monitor and may not be precisely accurate. The PASS-5B heart rate monitor is not a medical device and is not to be used or relied upon for medical purposes. The accuracy of the PASS-5B heart rate monitor is not intended to match actual medical or scientific devices and it is not intended to diagnose, treat or prevent any health issues or conditions. The person wearing the PASS-5B heart rate monitor and any third party using the PASS-5B monitor data should consult with a doctor to obtain accurate medical data.

Subject to change without notice.

