



**TSI PRISM™**

**PASS2M**

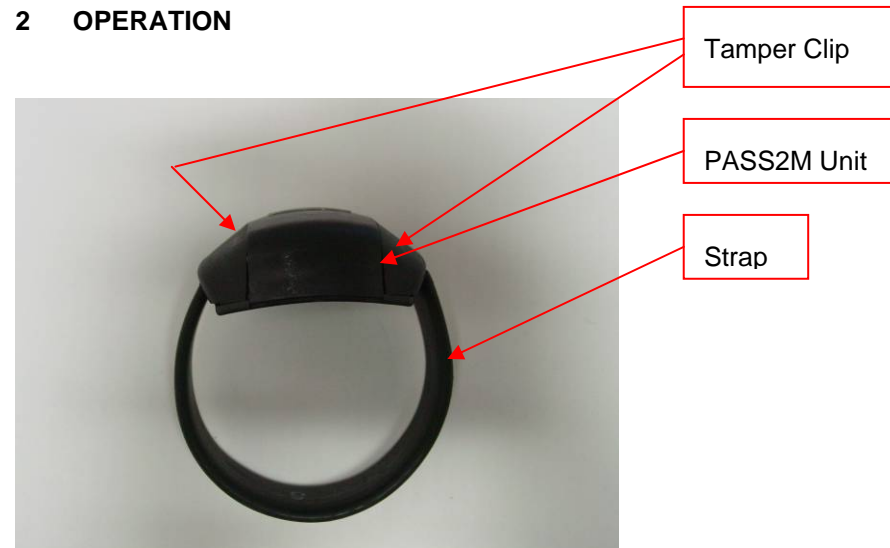
**User's Guide**

## 1 INTRODUCTION

The PASS2M (Personal Active Secured Sensor, 2nd Generation) is part of Alanco Technologies' TSI Prism™ System which is the premier safety technology for corrections environments, providing real time, continuous monitoring of inmates, officers, staff.

The PASS2M is worn on the wrist and is used for location and identification of the individual wearing the unit.

## 2 OPERATION



### 2.1 PASS2 INSTALLATION

The PASS2M is attached to the wearer with a strap. The PASS2M is shipped in *OFF* Mode to prevent transmissions during transport and does not begin to transmit until the strap is attached.

The PASS2M waits a programmable amount of time after the final strap connection before fully powering up. If the strap should pop loose during this installation wait time, the wait time will start over again when the strap is again connected. During the wait time, the PASS2M will transmit only when both ends of the strap are attached to the PASS2M. If the strap pops off, transmissions will stop. During the wait time, dummy statuses are sent (battery is good, strap is connected and body is detected).

After the installation wait time is over, the PASS2M calibrates the Body Sense circuitry.

Warning!! It is vitally important that the installer finish PASS2M installation and NOT be touching the PASS2M prior to the end of the wait time to avoid affecting the Body Sense circuit calibration.

Warning! To avoid confusing the PASS2M into thinking it is attached to a wearer, the PASS2M strap must not be attached to both case connections prior to being attached to a wearer.

## **2.2 PASS2M REMOVAL**

The PASS2M begins to shut-down when the strap is removed. There are two parts to this shut-down process.

First, within a programmable amount of time after the strap is opened, the PASSM can be reinstalled on a wearer without having the PASS2M recalibrate the Body Sense circuitry.

If the PASS2M is removed for longer than the time set by Command C2, the PASS2M will recalibrate the Body Sense Circuitry after the waiting time after the strap is reattached. This can be used to remove the PASSM from one wearer and install it on another.

To prevent transmissions during transport, the PASS2M turns *OFF* after the wrist strap has been disconnected or cut for a programmable amount of time. During that time period, the PASS2 transmits a *Strap Cut* Status.

The PASS2M can also be turned *ON* via the serial port with the *O* Command and *OFF* with the *Z* Command.

### **3 REGULATORY STATEMENT**

#### **3.1 Federal Communications Commission Statement**

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If this equipment is not installed and used in accordance with the manufacturer's instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

#### **3.2 Disclaimer Statement**

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