

PAVS TAG

Operations Manual



Avante International Technology, Inc.

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IMPORTANT SAFETY INSTRUCTIONS

FCC ID : QJZPAVSTAG

FCC Information

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

- (1) This Device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 correct the interference by one or more of the following measures:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
- 1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

1. INTRODUCTION

AVANTE PAVS System is an advanced Personnel and Asset Visibility System which uses both the active and passive RFID technologies. In addition to the traditional access control for entrances, the system also provides IN/OUT entrance traffic records. The monitoring is automatic and non-obtrusive. Besides daily IN/OUT monitoring, the records can be used for emergency evacuation management.

2. PAVS TAG SIZE

The following figure shows an active RFID card. The dimension of the card is ~ 2.12" x 3.37" x 0.11" (thickness). It is the same size of the ISO credit card but slightly thicker.



3. PAVS TAG FUNCTION AND USAGE

The tag is designed to transmit in >10s interval. The read distance of the monitor is about 15 to 20 feet. If someone walks by the monitor with the tag in normal pace, the monitor should be able to capture the tag at least once.

In order that the monitor can receive the tag correctly, please place the tag in front of human chest, about 4 to 6 feet high. And the tag should not be cover by any object except plastic holder and paper.

4. PAVS TAG STORAGE AND PROTECTION

To protect the tag, please keep the tag in cool and dry area. Always use the tag with tag holder.