

## Container Tag



### Description

The AXCESS Container Tag provides a low cost solution for improving cargo container security, efficiency of movement and tracking capabilities while ensuring the integrity of the cargo within shipping containers. It uses the AXCESS ActiveTag™ RFID technology.

A Container Tag is affixed to a container following all the goods being placed inside. The active RFID tag's coaxial leads are inserted through the lock fixture of the container, arming the tag tamper feature. If the container door is opened or the cable of the Container Tag cut off, the tag will immediately and periodically transmit a silent alert signal via AXCESS' wireless RFID technology. This signal may be picked up aboard the carrier or at the point of arrival. When the tag is read, the receiver will pick up the alert and know that the electronic seal has been broken, alerting personnel if tampering has occurred to the container.

The tag can have the container ID mapped to its own ID, alerting personnel at the port of entry to precisely which container has been tampered with and allowing rapid identification of suspect containers. If still intact, the tag may be reset to an inactive state, via a proprietary RF protocol. It can then be "armed" again upon attachment to another container. Under normal conditions the container tag will "beacon" to the AXCESS system, letting the system know the tag is still in place. If the container or the tag are removed, an alarm will be triggered when the tag fails to check-in with the system.

### Features

**Hands-free Operation** - tag's ID may be activated and read by AXCESS system as the tag moves through control points

**Functional Linkage™** - link container to vehicle, tractor to trailer, pallet to forklift, etc.

**Long Read Range** - wide area coverage up to 35 feet across\*

**Flexible Positioning** - tags can be activated and read non-line-of-sight facilitating a variety of mounting positions

**Tamper Option** - detects unauthorized openings and transmits silent alert signal

**Durability** - tags are corrosion resistant, shock resistant, water resistant and have low battery warning

**Serial ID Numbers** - factory programmed SIA standard 26-Bit Wiegand ID number (custom programming available upon request)

### Specifications

Name	ActiveTag™ Container Tag
Part Number	AT-132L
Wake-up/Trasmit Frequency	126 kHz / 315 MHz
Tag Wake-up Range	Up to 35 feet*
Operating Life	1 - 3 years in non-alert mode. Up to 1 year in alert mode.**
Operating Temperature	-30°C to +85°C (-20°F to +185°F)
Dimensions	2 in x 4 in x 0.5 in
Weight (approximate)	2 ounces
Mounting	Exterior of metallic or non-metallic objects. Fasteners (two 1/8 in holes), tape or epoxy
Options	Beacon (AT-132L-B); Temperature (AT-132L-A) Beacon and Temperature (AT-132L-BA)

\*Operating Range depends on antenna selection, environmental factors and operational requirements. Range in excess of 50 feet is achievable with custom antenna designs. \*\*Operating life will vary depending on beacon rate and duty cycle.

3208 Commander Drive  
Carrollton, Texas 75006 USA  
972-407-6080 / 800-588-6080  
Fax 972-407-9085  
sales@axcessinc.com  
www.axcessinc.com