5870API Wireless Indoor Asset Protection Sensor
Important Installation Tips

Mount the 5870API on a stable area of the asset that is free from vibration. Try to avoid mounting near speakers, fans or motors.
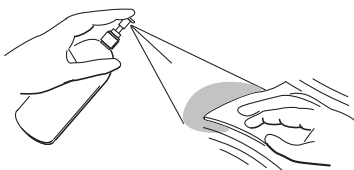
Loop 1 is for high security (fast trigger) applications and should only be used if the asset will not be subjected to external vibration.
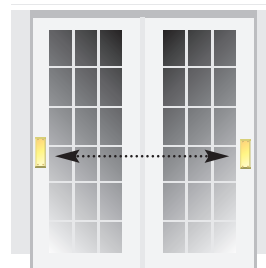
Painting + (1-3 Seconds) = LOOP 1

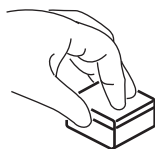**High Security (Fast Trigger) Mode (Loop 1)**

Mount the 5870API on a clean, flat surface.

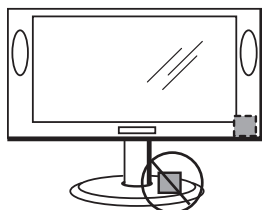The 5870API is not intended for use on swinging or sliding doors.

Mount the 5870API on assets that are not intended to move or be tampered with.

The 5870API is mounted directly to the protected asset via 3M VHB double-sided tape. Over time, a strong bond will occur with the tape. Care should be taken on the final location.

Mount the 5870API in an inconspicuous area on the asset away from public view.

The 5870API is intended for indoor use only. It is not watertight and should not be used in damp locations or where temperatures may drop below 14° F (-10° C).

(See reverse side for additional information.)

5870API Wireless Indoor Asset Protection Sensor

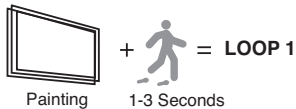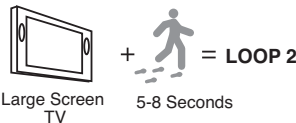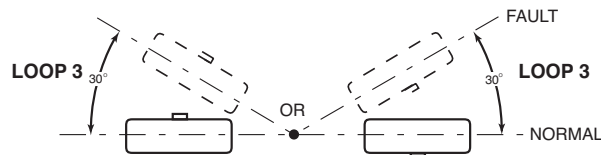| Device Operation	
Installer Test Mode	Upon initial battery power-up, the unit will transmit each time it is faulted or restored, which lets you enroll and test the device. After the sensor transmits its first supervisory message (about 70 – 80 minutes after power-up), it switches to normal mode.
Normal Mode	In normal mode, there is a three-minute lockout between transmissions to help conserve battery life. To return to the installer test mode, remove and reinstall the battery.

Modes of Operation

⚠ **LOOP 1 is for High Security (Fast Trigger) applications and should ONLY be used if the asset will NOT be subject to external vibration. Loop 2 (Standard Security mode) should be used in most cases.**
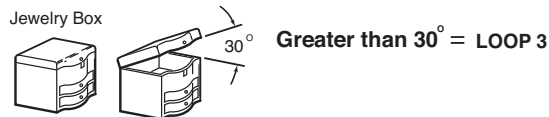

Painting + 1-3 Seconds = LOOP 1

High Security (Fast Trigger) Mode (Loop 1)

Large Screen TV + 5-8 Seconds = LOOP 2

Standard Security Mode (Loop 2)

FAULT

LOOP 3 30° OR 30° LOOP 3 — NORMAL

MOUNT HORIZONTALLY ONLY (LOOP 3 ONLY)

Jewelry Box 30° Greater than 30° = LOOP 3

Tilt Mode (Loop 3)

Operating Mode	Loop	Faults when…	Restores when…
High Security (Fast Trigger) Mode Short travel time, minimum movement detection	1	Asset/sensor is moved for 1-3 seconds (typical)*	Motion of the asset/sensor has stopped for 3 seconds*
Standard Security Mode Long travel time, occasional movement detection	2	Asset/sensor is moved for 5-8 seconds (typical)*	Motion of the asset/sensor has stopped for 3 seconds*
Tilt Mode Intended for boxes with lids that can be opened (e.g.; jewelry or cash boxes)	3	Asset/sensor is tilted >30 (+/-10) degrees with respect to the horizon	Asset/sensor is tilted <15 (+/-5) degrees with respect to the horizon

*Response time will be affected by the type of motion (walking, running, dropping, etc.) as well as other tasks being processed by the control panel.