

BodyGuard™ “i-Tag”

Proximity detection and warning system



Moving vehicles and pedestrians do not mix.

Source: <http://www.premierhandling.com/latest-news/how-to-load-a-forklift/>

BodyGuard™ “i-Tag” warning system reduces risk of collision between forklifts and pedestrians. The system helps lower risk of collision by providing a highly visible indication and human voice audible warning when someone is detected too close to the vehicle.

Features

- Convenient attachment of “Tags” by lanyard around neck, in vest or on hard-hat
- High visibility LED warning
- Clear audible human voice alarm advises driver of risk. “Look Out! Person detected”
- Fixed detection zone up to 12m from sensor (adjustable from 0-3m up to 0-12m radius)
- Available with single 360 degree or front and rear detection zones
- Easy installation (magnetic attachment) , Simple to use (no calibration or programming required)
- Does not interfere with normal driver activity
- Provides another level of safety reduction by increasing driver awareness
- Swivel mount arm enables easy installation of alert unit to roof, side support arms or dash for clear view by driver
- Heavy-Duty , rugged enclosure is weatherproof.
- Suits 12 and 24V vehicle electrical systems

How it works

Staff and visitors must wear a small lightweight device referred to as a “iTag”. (Can be worn around neck in vest pocket etc).

An “i-Tag” detector and alert device must be installed onto each vehicle. (Magnetic mounting). When a person is detected within the zone of the detector (6m typical) then the alert unit will provide both audible and visual warnings for the driver. The driver can then control the vehicle to avoid an accident.

The system effectively lowers risk of collision in the workplace by increasing the driver’s awareness of people close to their vehicle.

The system only activates when a person wearing an iTag is detected within the detection zone. The system is non-invasive and does not interfere with normal driver activity or slow down the normal daily work flow. BodyGuard iTag system requires no adjustments or maintenance (apart from replacing iTag batteries annually). The system operates in poor visibility conditions, smoke, dust and rain. The Tag orientation has minimal effect on system performance.

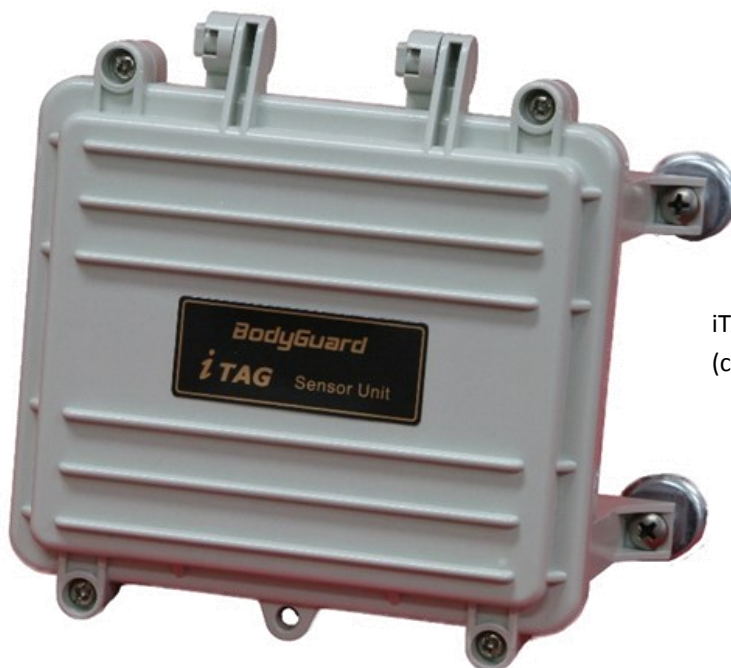
BodyGuard iTAG system Vehicle components



Speaker for audible warning
(plugs into side of Alert unit)



Alert unit
(Provides visual and audible Alert)



iTAG Sensor Unit
(connects to alert unit by cable)

iTAG Personal Tag Options

iTAG "Mini" format

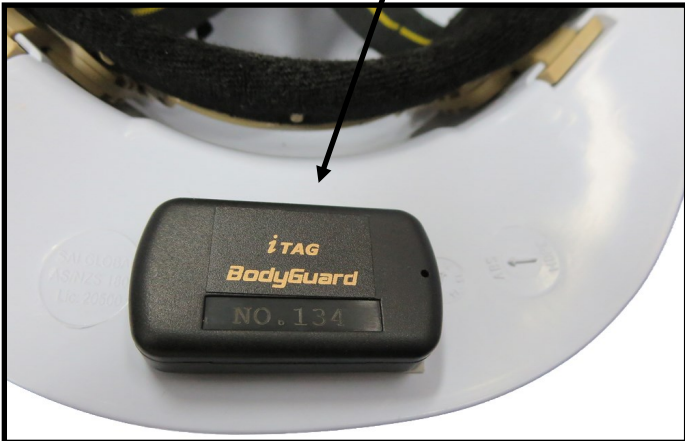
Attaches under lip of hard-hat

Only 25g weight

Does not obscure vision

Nor interfere with hard hat

Attachments (such as earmuffs)



iTAG "Card" format

Worn around neck using supplied lanyard or
in pocket of safety vest