



# COLLISION AWARENESS **LOOK OUT**™

**LEADERS OF INTERSECTION PROTECTION**



**New Products  
Page 10 and 12**

**Our Products  
Alert Employees Of  
Dangerous Collisions  
BEFORE They Occur!**



Proud Member



**MATERIALS**  
**Handling** *Working with ease...*

PTY LTD



# KEEP YOUR WORKFORCE PROTECTED!

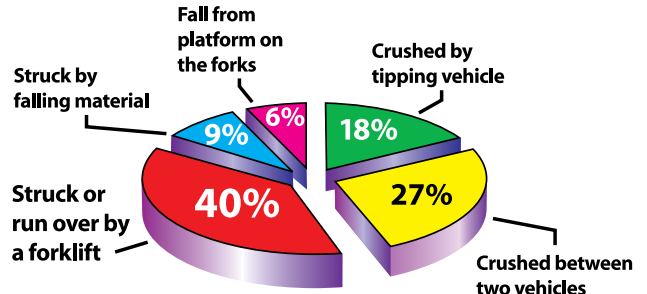
We're the Leader in Intersection Protection. Our goal is to help your employees avoid accidents and reduce your exposure to liabilities.

**Collision Awareness** products are designed to monitor any traffic & alert others, just around the corner.

40% of all forklift fatalities are caused by an individual being struck or run over by a forklift.

Many of these accidents and fatalities can be avoided by warning pedestrians and operators of approaching danger.

Our **LOOK OUT** Sensor Alert Warning System allows for quick and easy recognition of possible hazardous situations. Why take chances of liabilities when you can avoid accidents and protect your most valuable assets?

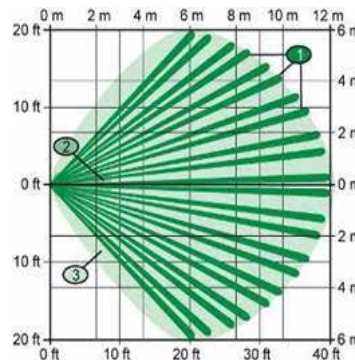


By creating awareness to a possible danger, you reduce the risk of damage, injury and death. Reducing risk should reduce your liability and exposure to workman's compensation claims, and increase employee morale as they see the company efforts to provide a safe workplace.

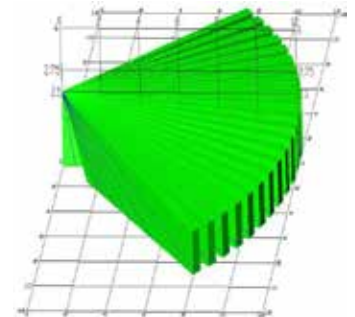
## NEW STATE-OF-THE-ART SENSORS



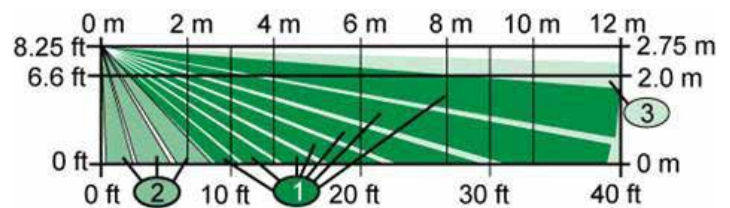
Collision Awareness chooses Bosch sensors as their standard sensor for the 36 standard package offerings. The quality and reputation of Bosch, together with Collision Awareness, continues to place us as the leaders of Intersection Protection. This upgrade improves the field of detection and reduces false alerts. Includes a blue sensor indicator light.



Top View



3D View

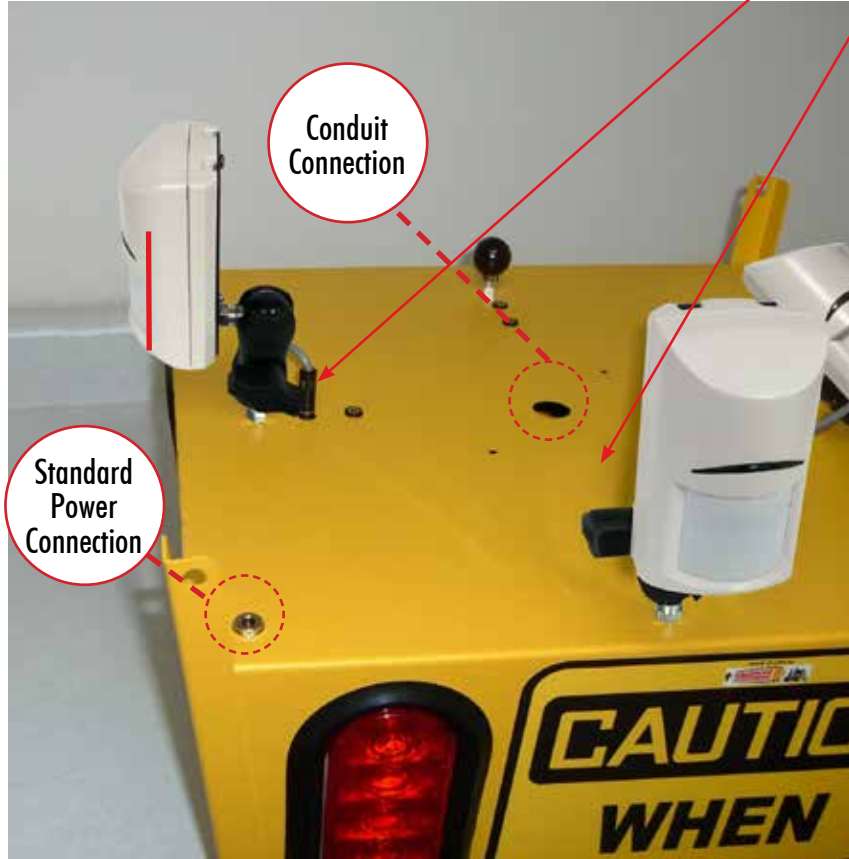


Side View



# LOOK OUT™ SENSORS

## PRODUCT FEATURES:



Powder Coated Steel Boxes



Optional Rack Mount



With Sensor

- Remote Sensor Standard on all models. Connect via 3.5mm jack **NEW**
- Quick release thumb lever
- Great for hearing impaired personnel
- Sensor Indicator Light glows blue when sensor is activated
- Alerts pedestrians when forklifts are crossing
- Unit mounts up and out of the way
- No reflectors required
- No expensive microwave sensors
- Nothing attached to your forklifts
- Low voltage wiring eliminates the need for conduit. 24V transformer plugs into an overhead outlet power source
- Super bright LED lights with 100,000 hours life
- Sensors are factory pre-set to monitor from inches to 10m away.
- Audible option for loud environments or outdoors
- Injuries & fatalities as a result of forklift collisions can be eliminated
- Indoor, outdoor and cooler applications
- Significant loss prevention benefits
- Remote Sensor may be mounted to rack for superior detection



# LOOK OUT SENSORS HELP

## FOR TYPICAL FORKLIFT TRAFFIC ALERTS

Each sensor alerts the opposite corner and both sensors can be activated simultaneously. Units include mounting hardware and install in minutes.

### LOOK OUT 1



- End of the rack aisles
- Wall mount for end of aisle obstructions
- Uses a single set of flashing LED lights

### LOOK OUT 2



- An additional set of lights that alternate when activated
- Units include a 24 volt plug-in wall transformer

Standard Power Connections

### LOOK OUT 3

Rack Mount



Front view



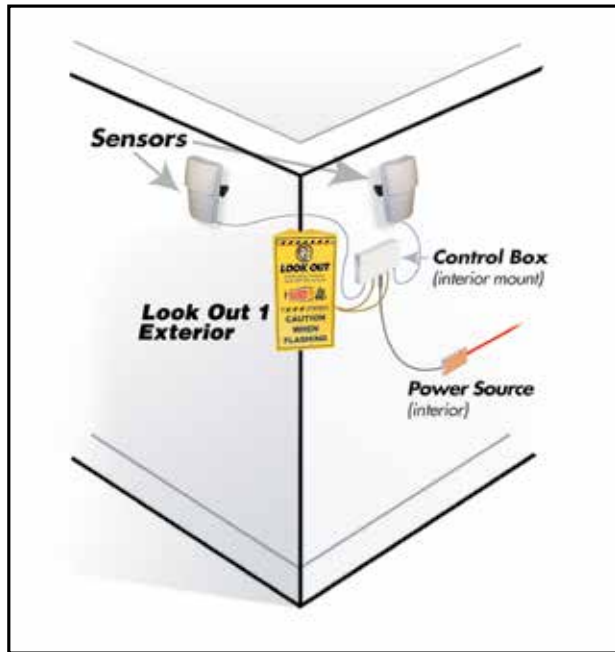
Rear view

- Monitor 3-way intersections and alert all directions
- Two sensors monitor the main aisle while a third monitors the row that meets the main aisle to provide an alert in 3 directions

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Look Out 1	1	2	2	Optional	99.9% @ 10m
Look Out 2	1	4	2	Optional	99.9% @ 10m
Look Out 3 (Rack Mounted)	1	2 sm & 2 lg	3	Optional	99.9% @ 10m

# PROTECT YOUR ENTIRE FACILITY!

## LOOK OUT 1 EXTERIOR



**Control Box**



**Exterior Sensors**

• Powder coated stainless steel box for durability.

**21 LED Lights!**

## LOOK OUT 2, 3 & 4

Hanging Mount



- For 2, 3 or 4-way intersections to monitor and alert just around the corner
- Sensor range is 10m away and 12m wide, adequate distance to stop a fork truck traveling at OSHA recommended speeds
- Optional "Brilliant" lights for mounts above 6m

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Look Out 1 Exterior (Brilliant)	2	2	2	Optional	99.9% @ 10m
Look Out 2 (Large Box)	1	2	2	Optional	99.9% @ 10m
Look Out 3	1	3	3	Optional	99.9% @ 10m
Look Out 4	1	4	4	Optional	99.9% @ 10m

# DOOR MONITOR SENSORS ALERT OFFICE

**OFFICE DOOR MONITOR, HALL DOOR MONITOR BASIC AND HALL DOOR MONITOR 1** are your primary lines of defense designed to alert individuals as they approach a doorway. Before they pass through, sensor(s) on the other side of the door detect motion so the pedestrian does not walk out into forklift traffic.

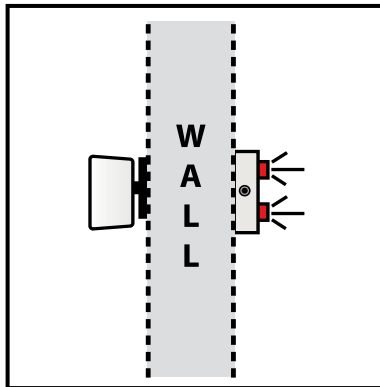
## OFFICE DOOR MONITOR



Low profile office box

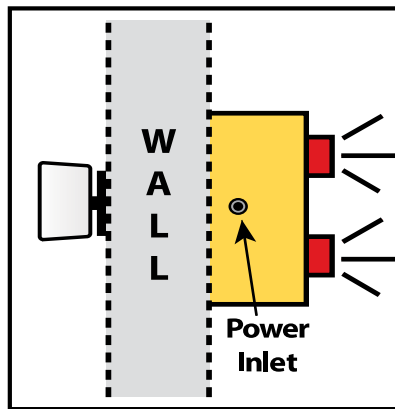


Non-activated Activated

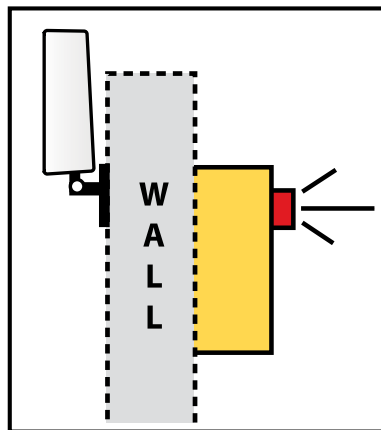


Top View

## HALL DOOR MONITOR BASIC

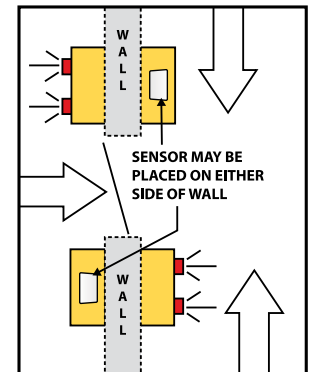


Top View

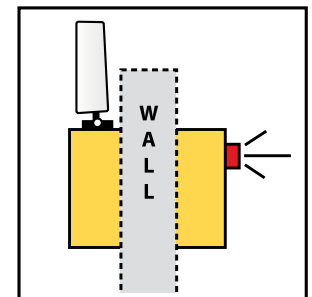


Side View

## HALL DOOR MONITOR 1



Top View



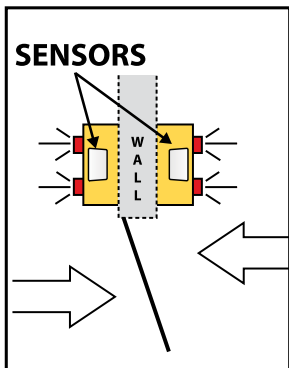
Side View

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Office Door Monitor	1 micro	2 small	1 remote	N/A	99.9% @ 10m
Hall-Door Monitor Basic	1 small	2 small	1 remote	Optional	99.9% @ 10m
Hall-Door Monitor 1	2 small	2 small	1	Optional	99.9% @ 10m

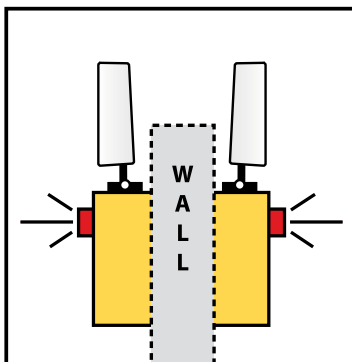
# PERSONNEL AND FORKLIFT OPERATORS

**HALL DOOR MONITORS 2,3&4** include sensors to detect pedestrians as they approach the door and alert the fork truck driver as they pass by the doorway, creating a safety zone. These six package sets of **HALL DOOR MONITORS** illustrate the options available. We can also develop custom options for your specific needs.

## HALL DOOR MONITOR 2

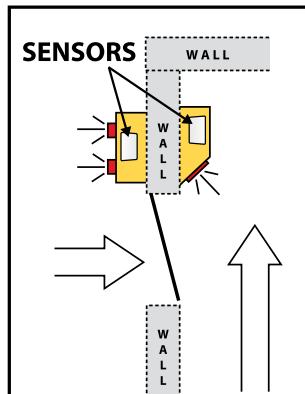


Top View



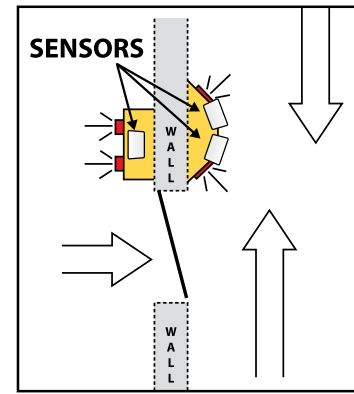
Side View

## HALL DOOR MONITOR 3



Top View

## HALL DOOR MONITOR 4



Top View



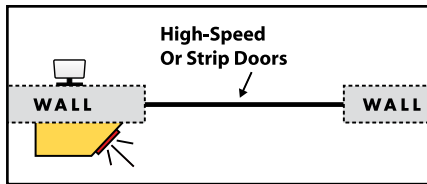
Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Hall-Door Monitor 2	2 small	4 small	2	Optional	99.9% @ 10m
Hall-Door Monitor 3	small 1 single	2 small & 1 large	2	Optional	99.9% @ 10m
Hall-Door Monitor 4	small 1 double	2 small & 2 large	3	Optional	99.9% @ 10m

# OVERHEAD DOOR MONITORS HELP KEEP

**OVERHEAD DOOR BASIC, OVERHEAD DOOR 1 and OVERHEAD DOOR 2** are your primary lines of defense designed to alert operators and individuals as they approach an overhead doorway. Before they pass through, sensor(s) on the other side of the door detect motion so pedestrians and operators are alerted.

## OVERHEAD DOOR BASIC

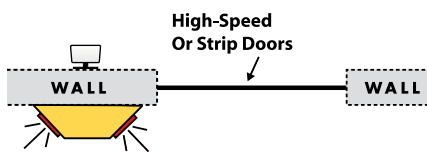
Single Alert



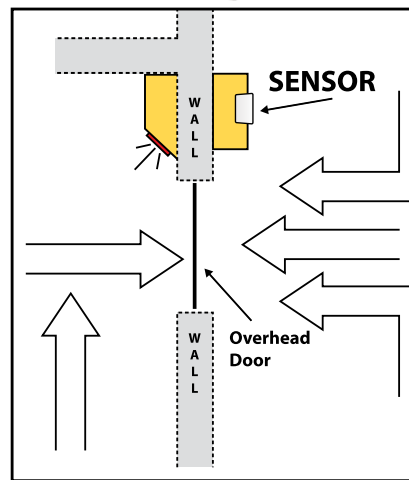
Top View

## OVERHEAD DOOR BASIC

Double Alert

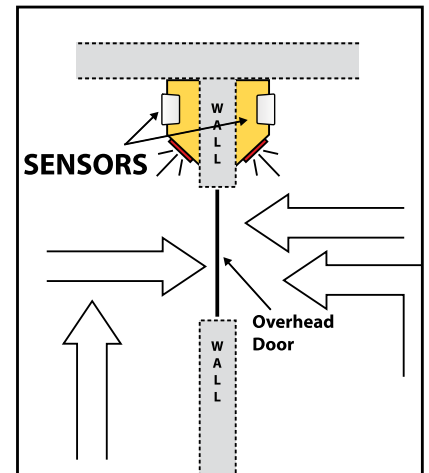


## OVERHEAD DOOR 1



Top View

## OVERHEAD DOOR 2



Top View

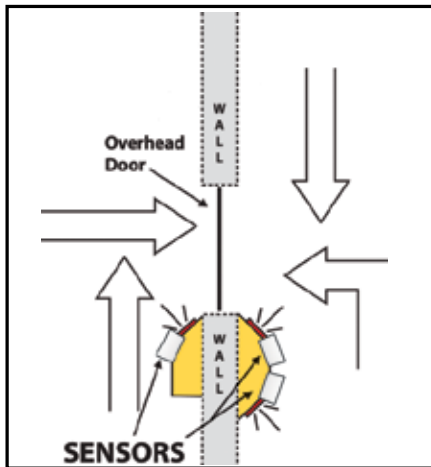
Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Overhead Door Basic Single	1 sgl	1	1 remote	Optional	99.9% @ 10m
Overhead Door Basic Double	1 dbl	2	1 remote	Optional	99.9% @ 10m
Overhead Door 1	1 sm & 1 sgl	1	1	Optional	99.9% @ 10m
Overhead Door 2	2 sgl	2	2	Optional	99.9% @ 10m



# HIGH-SPEED INTERIOR DOORWAYS SAFE!

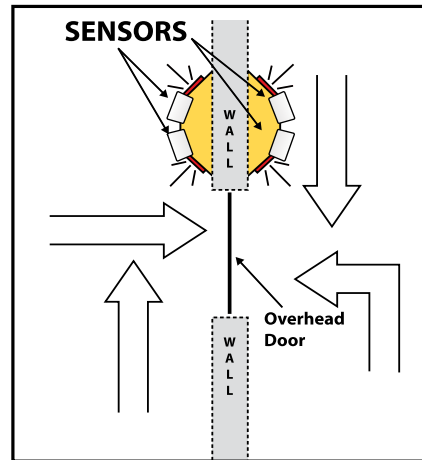
**OVERHEAD DOOR 3 & 4** expand your area of defense with multiple sensors to alert operators and individuals as they approach an overhead doorway. The additional radius of sensors will help protect high-traffic areas and areas that may consist of permanent and temporary obstructions which block the view of approaching traffic.

## OVERHEAD DOOR 3



Top View

## OVERHEAD DOOR 4



Top View



### GREAT FOR:

- Expensive high speed doors
- Strip doors



Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Overhead Door 3	1 sgl & 1 dbl	3	3	Optional	99.9% @ 10m
Overhead Door 4	2 dbl	4	4	Optional	99.9% @ 10m

# FLOOR BURST

## AN ADDITIONAL BURST OF SAFETY!

Too often employees can become distracted and miss important warning devices. Our new Floor Burst option provides an extremely fast pulsating light that illuminates the floor of an intersection before traffic passes through. This feature is offered on all of our ceiling hung models, L02LB, 3, & 4.



**NEW**

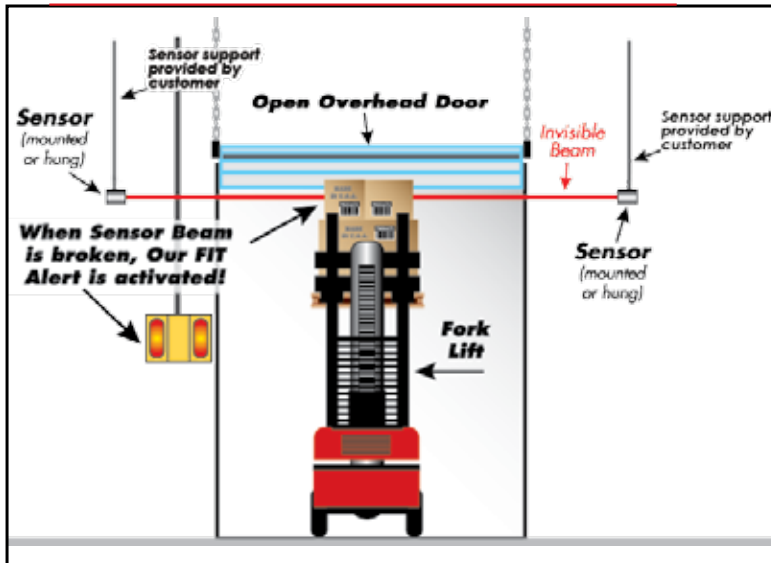


# THE 'FIT' SENSORS

## THE 'FIT' HEIGHT WARNING SENSORS

The 'FIT' height warning sensors alert fork truck drivers of overhead obstacles that may be in the line of an elevated mast. When sensor beams are broken, The 'FIT' lights and audible continuously alert the driver to potential danger. Sensors can be mounted or hung to protect obstacles.

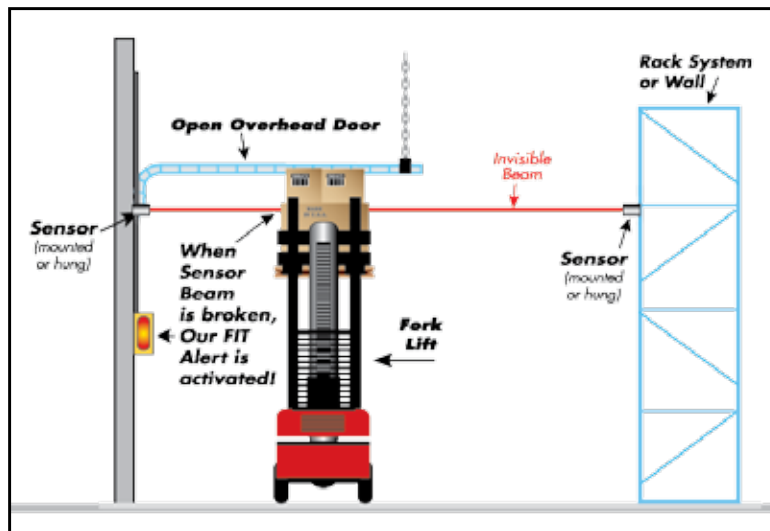
### THE 'FIT' HEIGHT WARNING SENSORS



Facing Open Overhead Door

### GREAT FOR:

- Sprinkler heads above rack
- Overhead heaters
- Overhead lights
- Ceiling fans
- Rack tunnels
- Overhead storage
- Air handlers
- Interior doorways



Side Approach to Open Overhead Door

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
FIT Package 1	1	2	1 sets	Included	99.9% @ 10m
FIT Package 2	1	2	2 sets	Included	99.9% @ 10m
FIT Package 3	1	2	3 sets	Included	99.9% @ 10m

# DOCK WATCHER SENSORS

## KEEP DOCK TRAFFIC WORKING WITH SAFETY IN MIND!

### DOCK DOOR MONITORS

**DOCK DOOR MONITORS** have a wall mounted arm with a swivel feature that allows the Exterior sensor to monitor activity in a trailer. As the fork truck backs out, the bright flashing strobe warns co-workers. This model is available with an Interior sensor for interior docks.

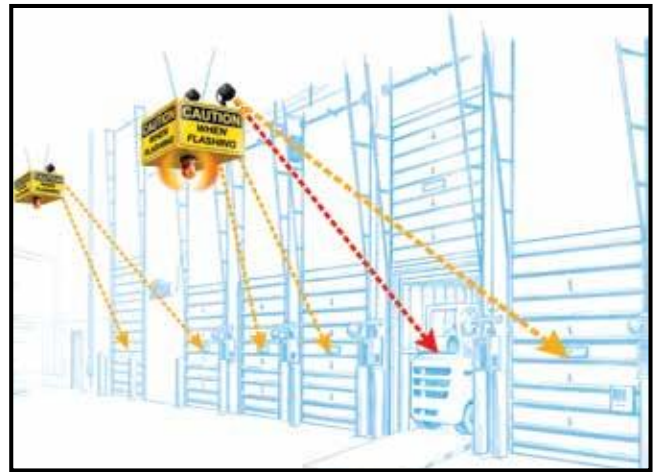
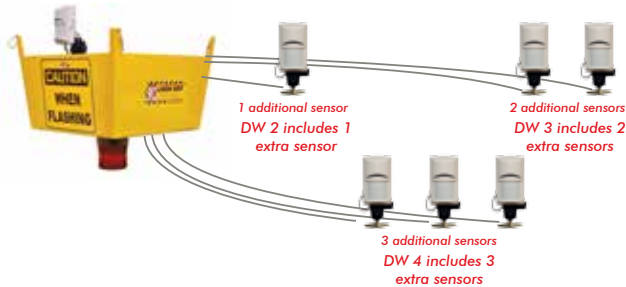


### DOCK WATCHERS

**DOCK WATCHER 1** is designed to monitor one or two dock doors. It senses motion and warns operators and pedestrians of impending danger. It is a ceiling hung sensor that mounts high enough to allow all mobile traffic to clear.

By adding remote sensors you create **DOCK WATCHER 2, 3, or 4**. Specify the cable length needed for each remote sensor. Sensors can point to door locations and also identify motion in traffic areas near the loading dock. Unit hangs from your chain.

#### DOCK WATCHER 1



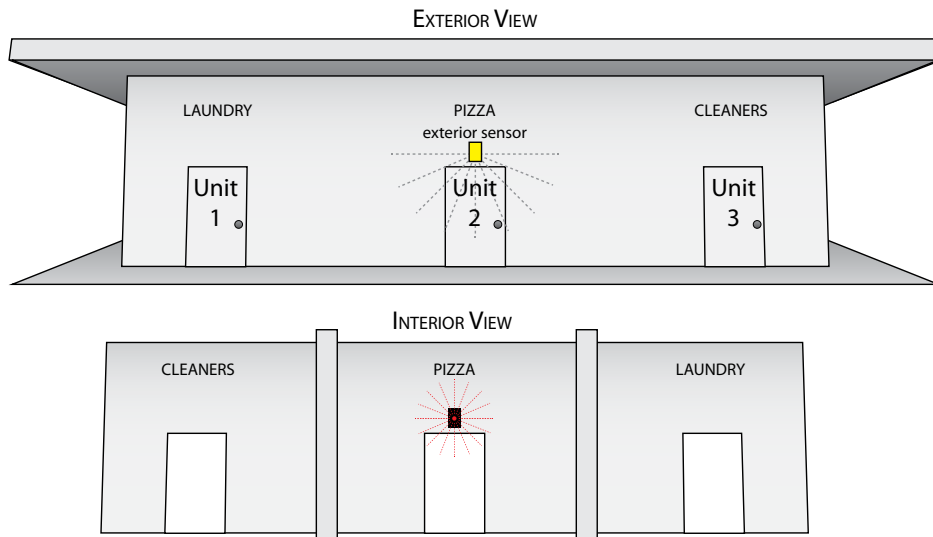
**Dock Watcher 1:** 1-2 Doors  
**Dock Watcher 2:** 3-4 Doors

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Dock Door Monitor EXT	24" Swivel Arm	1 strobe	1 Exterior	N/A	99.9% @ 10m
Dock Door Monitor	24" Swivel arm	1 strobe	1 Interior	N/A	99.9% @ 10m
Dock Watcher 1	1	1 strobe	1	Recommended	99.9% @ 10m
Dock Watcher 2	1	1 strobe	1 & 1 remote	Recommended	99.9% @ 10m
Dock Watcher 3	1	1 strobe	1 & 2 remote	Recommended	99.9% @ 10m
Dock Watcher 4	1	1 strobe	1 & 3 remote	Recommended	99.9% @ 10m

# TRAFFIC ALERTS

**Unwanted traffic behind your building?  
Uncomfortable about opening the rear door at night?  
Use TRAFFIC ALERT to detect unauthorized traffic.**

## Typical Strip Mall Application



**Choose one or two exterior sensors, then choose which light or box works for your facility. Audible alert available on some models, audible **ONLY** models available.**



**Strobe**



**Hall**



**DOD**



**Office**

## GREAT FOR:

- Strip Malls
- Apartment Buildings
- At Entrance Gates
- Distribution Center Security
- Home Garages
- Restaurants
- Free Standing Buildings

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Traffic Alert Ext 1 DOD	1 double	2 large	1	Opt	99.9% @ 12m
Traffic Alert Ext 2 DOD	1 double	2 large	2	Opt	99.9% @ 12m
Traffic Alert Ext 1 Office	1 micro	2 small	1	N/A	99.9% @ 12m
Traffic Alert Ext 2 Office	1 micro	2 small	2	N/A	99.9% @ 12m
Traffic Alert Ext 1 Hall	1 small	2 small	1	Opt	99.9% @ 12m
Traffic Alert Ext 2 Hall	1 small	2 small	2	Opt	99.9% @ 12m
Traffic Alert Ext 1 Strobe	1 control box	1 strobe	1	Opt	99.9% @ 12m
Traffic Alert Ext 2 Strobe	1 control box	1 strobe	2	Opt	99.9% @ 12m

# FEATURES & OPTIONS

Part Number	# of Boxes	# of Lights	# of Sensors	Audible	Detection Range
Dock Watcher 1	1	1 strobe	1	Rec	99.9% @ 10m
Dock Watcher 2	1	1 strobe	1 & 1 remote	Rec	99.9% @ 10m
Dock Watcher 3	1	1 strobe	1 & 2 remote	Rec	99.9% @ 10m
Dock Watcher 4	1	1 strobe	1 & 3 remote	Rec	99.9% @ 10m
Hall-Door Monitor 1	2 small	2 small	1	Opt	99.9% @ 10m
Hall-Door Monitor 2	2 small	4 small	2	Opt	99.9% @ 10m
Hall-Door Monitor 3	1 small 1 sgl	2 small & 1 lge	2	Opt	99.9% @ 10m
Hall-Door Monitor 4	1 small 1 dbl	2 small & 2 lge	3	Opt	99.9% @ 10m
Hall-Door Monitor Basic	1 small	2 small	1 remote	Opt	99.9% @ 10m
Look Out 1		2	2	Opt	99.9% @ 10m
Look Out 1 Exterior (Brill)	2	2	2	Opt	99.9% @ 10m
Look Out 2	1	4	2	Opt	99.9% @ 10m
Look Out 2 (Large Box)	1	2	2	Opt	99.9% @ 10m
Look Out 3	1	3	3	Opt	99.9% @ 10m
Look Out 3 (Rack Mounted)	1	2 sm & 2 lg	3	Opt	99.9% @ 10m
Look Out 4	1	4	4	Opt	99.9% @ 10m
Office Door Monitor	1 micro	2 small	1 remote	N/A	99.9% @ 10m
Overhead Door 1	1 sm & 1 sgl	1	1	Opt	99.9% @ 10m
Overhead Door 2	2 sgl	2	2	Opt	99.9% @ 10m
Overhead Door 3	1 sgl & 1 dbl	3	3	Opt	99.9% @ 10m
Overhead Door 4	2 dbl	4	4	Opt	99.9% @ 10m
Overhead Door Basic Single	1 sgl	1	1 remote	Opt	99.9% @ 10m
Overhead Door Basic Double	1 dbl	2	1 remote	Opt	99.9% @ 10m
FIT Package 1	1	2	1 sets	Incl	99.9% @ 10m
FIT Package 2	1	2	2 sets	Incl	99.9% @ 10m
FIT Package 3	1	2	3 sets	Incl	99.9% @ 10m
Traffic Alert Ext 1 DOD	1 dbl	2 large	1	Opt	99.9% @ 12m
Traffic Alert Ext 2 DOD	1 dbl	2 large	2	Opt	99.9% @ 12m
Traffic Alert Ext 1 Office	1 micro	2 small	1	N/A	99.9% @ 12m
Traffic Alert Ext 2 Office	1 micro	2 small	2	N/A	99.9% @ 12m
Traffic Alert Ext 1 Hall	1 small	2 small	1	Opt	99.9% @ 12m
Traffic Alert Ext 2 Hall	1 small	2 small	2	Opt	99.9% @ 12m
Traffic Alert Ext 1 Strobe	1 control box	1 strobe	1	Opt	99.9% @ 12m
Traffic Alert Ext 2 Strobe	1 control box	1 strobe	2	Opt	99.9% @ 12m

## OPTIONAL AUDIBLE ALERTS

Audible alerts can be installed on specific products. They are usually mounted on the bottom of the unit and may be disconnected at any time.





- Avoid Forklift Accidents
- Alert Workers & Pedestrians
- Warehouse, Yard and Office Applications
- Reduce Liabilities
- Increase Up Time



*Let pedestrians  
and operators  
know if  
someone is  
just around  
the corner  
with our New  
LOOK-OUT™*

## **LEADERS OF INTERSECTION PROTECTION**

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**MATERIALS**  
**Handling** PTY LTD *working with ease.*