

ARINAlert™ Collision Avoidance System

Increased Safety Through Enhanced Situational Awareness

ARINALERT™ BENEFITS

Reduces accidents between:

- Forklifts
- Forklifts & Pedestrians
- Forklifts & Fixed/Mobile assets

Reduces insurance costs

Improves worker morale

Improves situational awareness for forklift operators

Audio & visual alerts based on adjustable zones

Configurable alerts & zones provides flexibility to adapt system for your needs

SYSTEM ALERTS

WARNING ALERT

When forklift, pedestrian, or assets come within predefined distance,

2 beeps per second & yellow (caution) light



USER DEFINED WARNING DISTANCE

DANGER ALERT

When forklift, pedestrian, or assets come within predefined distance,

4 beeps per second & red (danger) light



USER DEFINED DANGER DISTANCE

MODIFIED ALERT IN ZONE

Loading Zone

Audio alerts can be changed, reduced or eliminated when the forklift is in a high traffic area

Parking Zone

Audio alerts can be changed, reduced or eliminated when the forklifts are in a common parking area

User Defined Zone

Audio & visual alerts can be changed, reduced, or eliminated based on specific requirements defined by the safety managers

TECHNICAL SPECIFICATIONS

	FORKLIFT	ZONE	PEDESTRIAN
Electrical, Voltage	12V-80V	6V, adapter provided	3.7V rechargeable battery
Current Draw	120mA at 6V	120mA at 6V	160mA
Alert	Audio: 85DB-115DB Flashing Lights	N/A	N/A
Size	3.70" x 2.56" x 2.24" 94 x 65 x 57mm	3.6" x 2.0" x 0.6" 91 x 50 x 15mm	3.6" x 2.0" x 0.6" 91 x 50 x 15mm
Weight	6.5oz/183 grams	1.4oz/40 grams	2.7oz/76 grams

SYSTEM COMPONENTS



FORKLIFT MONITORING UNIT

The forklift monitoring unit is in a UL508, Type 4X and 12K specification case rated at IP66. The case has an impact rating of IK08 and has protection class II: isolate protection (VDE 0106)

Waterproof connectors are provided for power and alerting.

ALERTING DEVICES

There are two options for alerting – Audio & Lights.

The buzzer is epoxy sealed against dust and moisture.

ZONE DEVICE

The zone devices define spaces where the forklift alerting system behaves differently. The current zones include loading, parking, stationary object, or product on pallet.

The zone device is typically powered from a wall outlet and enables the forklift monitoring unit to change alerting behavior based on the type of zone unit.

PEDESTRIAN TAG

The pedestrian tag is used by a pedestrian and enables a forklift monitoring unit to alert the forklift operator.

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