ELERO ECT
Proximity Warning Alert System

Tag Vibration

Vehicle to Vehicle Anti-Collision

Data Management

Pedestrian Warning Alert

Asset Protection

Access Control

CONTENT

INTRODUCTION

- Forklift anti-collision system is a safety distance measurement system independently developed based on UWB technology, the accuracy can reach the centimeter level, and the forklift accident can be effectively prevented through accurate distance measurement and pre-alert.

- In specific applications, when the distance between vehicles and vehicles between pedestrians is less than the set minimum value, the alarms and tags connected to the base station will send out alarms in real time to prevent collision accidents.

Alert Beep + vibration

WHY FORKLIFTS ARE DANGEROUS?

MOST COMMON ACCIDENTS WITH A FORKLIFT

Collision with a pedestrian
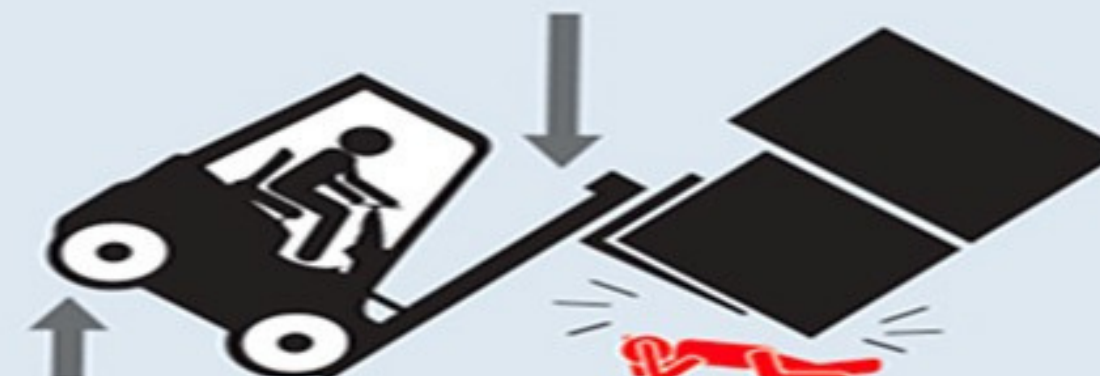
Struck by falling material

Crushed between forklift and a surface

Fall from platform on the forks

Accident with a victim on or in a moving forklift

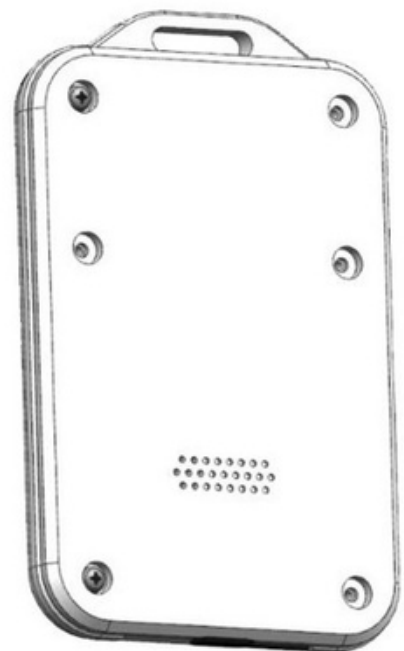Crushed by forklift tipping over due to heavy load

Proximity Warning ALERT SYSTEM
System Components

Base Station

Size: 97mm*61mm*8.5mm

Tag

Warning light

HOW DOES IT WORK?

Working condition 1: Leave the safety area and provide warning

- When the base station sets a safety area of 0.5m (the safety area range can be set freely), humans or vehicles carrying tags in the safety area within 0.5m from the base station will not trigger the alarm.
- When the tag leaves the safety area, the device will alarm, and when it returns to the safety area, the alarm will be automatically off.
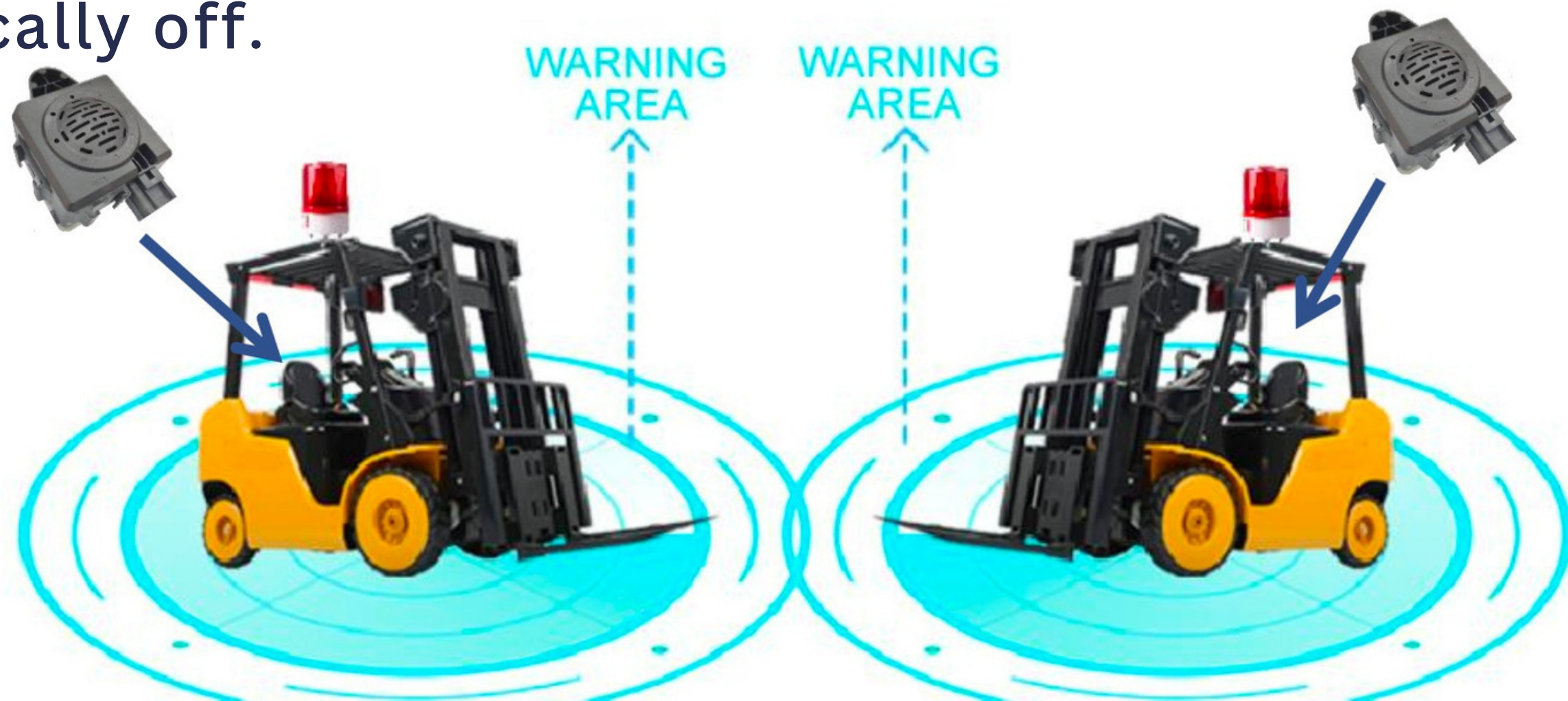
HOW DOES IT WORK?

Working condition 2: Collision warning between vehicles

- The two or more vehicles are installed base station. When the distance between vehicles is less than the set alarm distance, the base station will provide an audible and visual alarm.
- After leaving the alarm area or keeping a certain distance, the alarm will be automatically off.

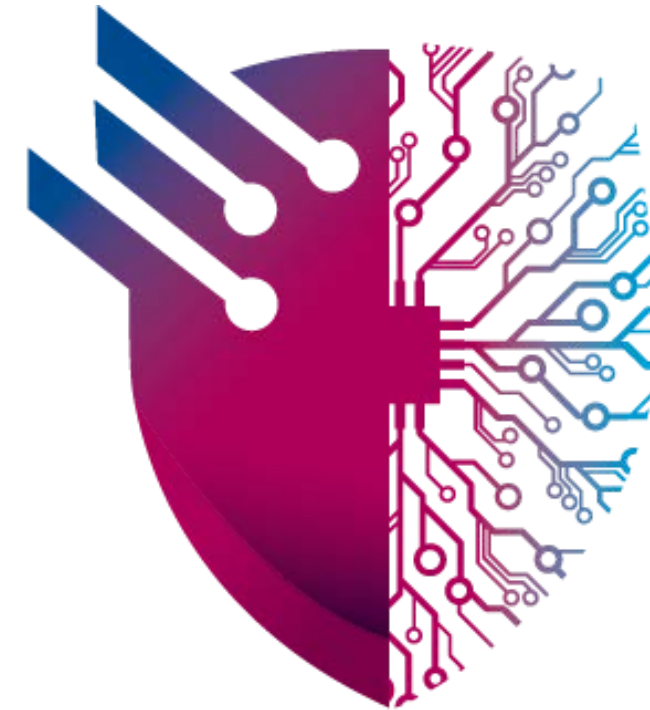WARNING AREA   WARNING AREA

Get In Touch

We are here for you !

📞 +20 103 200 9855 / +20 107 097 7935

🌐 https://elero-ect.com/

✉️ Info@elero-ect.com

📍 417 Omar Ibn El-Khattab St.
District 2, 6th October, Giza, Egypt.

ELERO
Engineering Consulting & Training