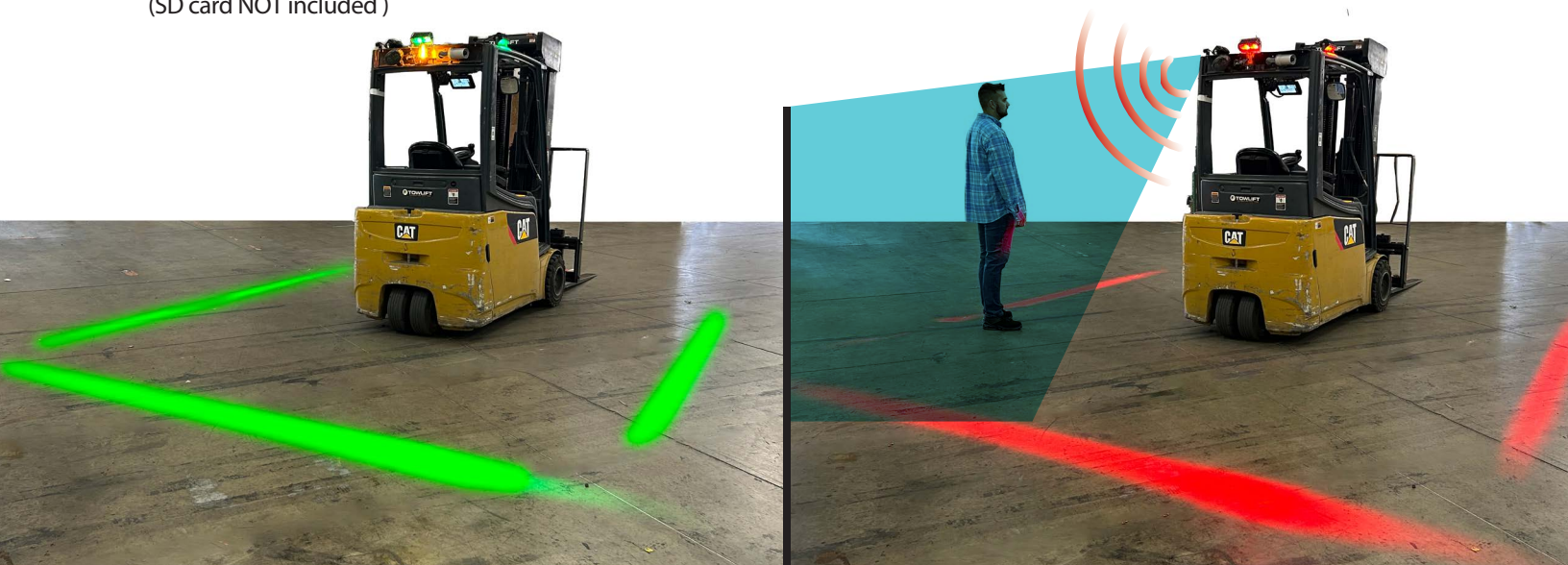# ERGOMAT.COM

Forklift Face Recognition System for Pedestrian Safety kit (Green/Red Lights & Cameras)
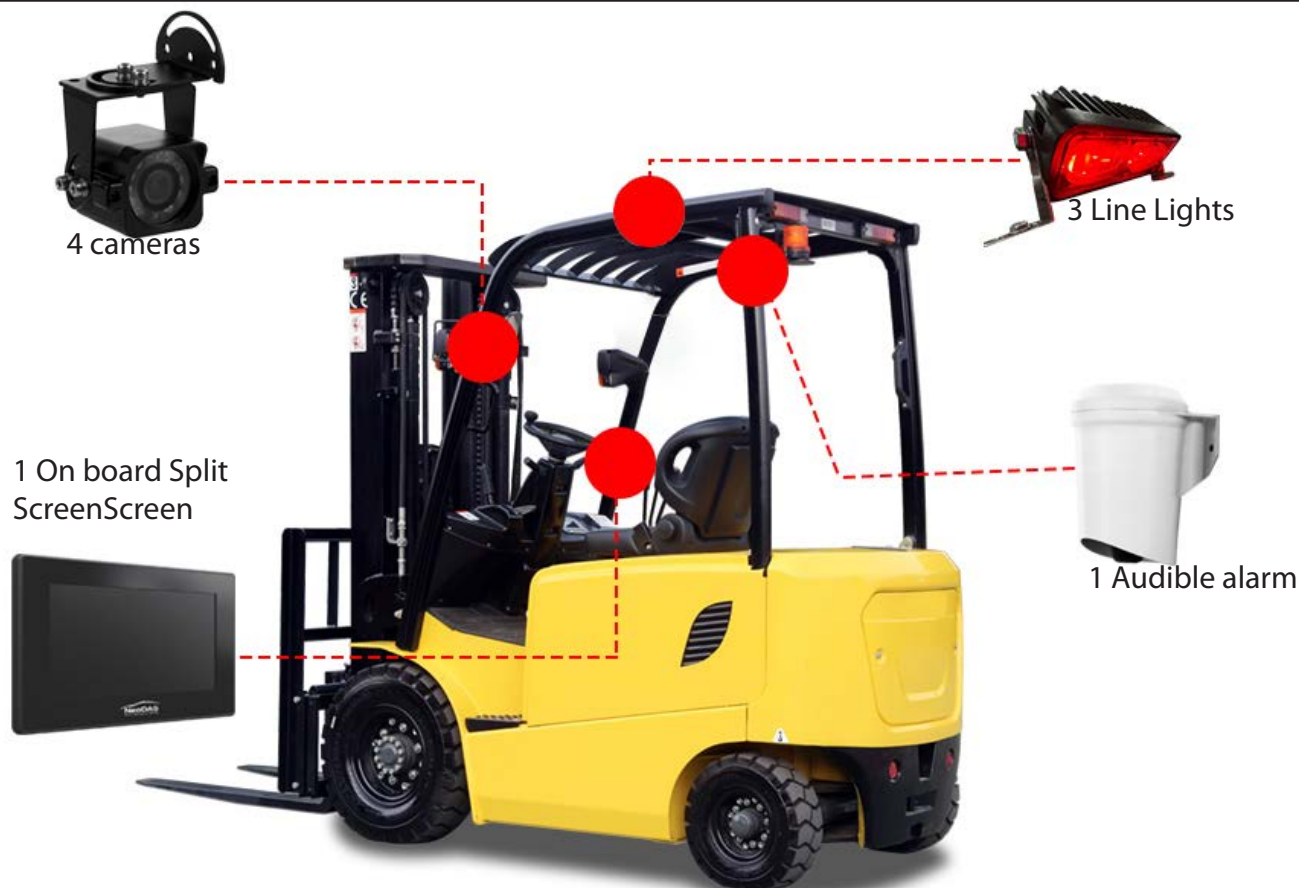
An advanced forklift system to prevent accidents by recognizing people and warning of danger by detecting pedestrians in all directions. The system looks for the outline of humans to prevent potential collisions with moving vehicles.

This combo includes:
- A monitor that offers split touch screen for multiple views
- 4 mounted cameras each with a 170° view on the forklift cage giving a full 360° view
- 3 mounted line lights, which are projected on the ground changing from green to red
- An audible warning which is triggered when a pedestrian is detected in a given zone (includes 1 harness Spdt 12V)
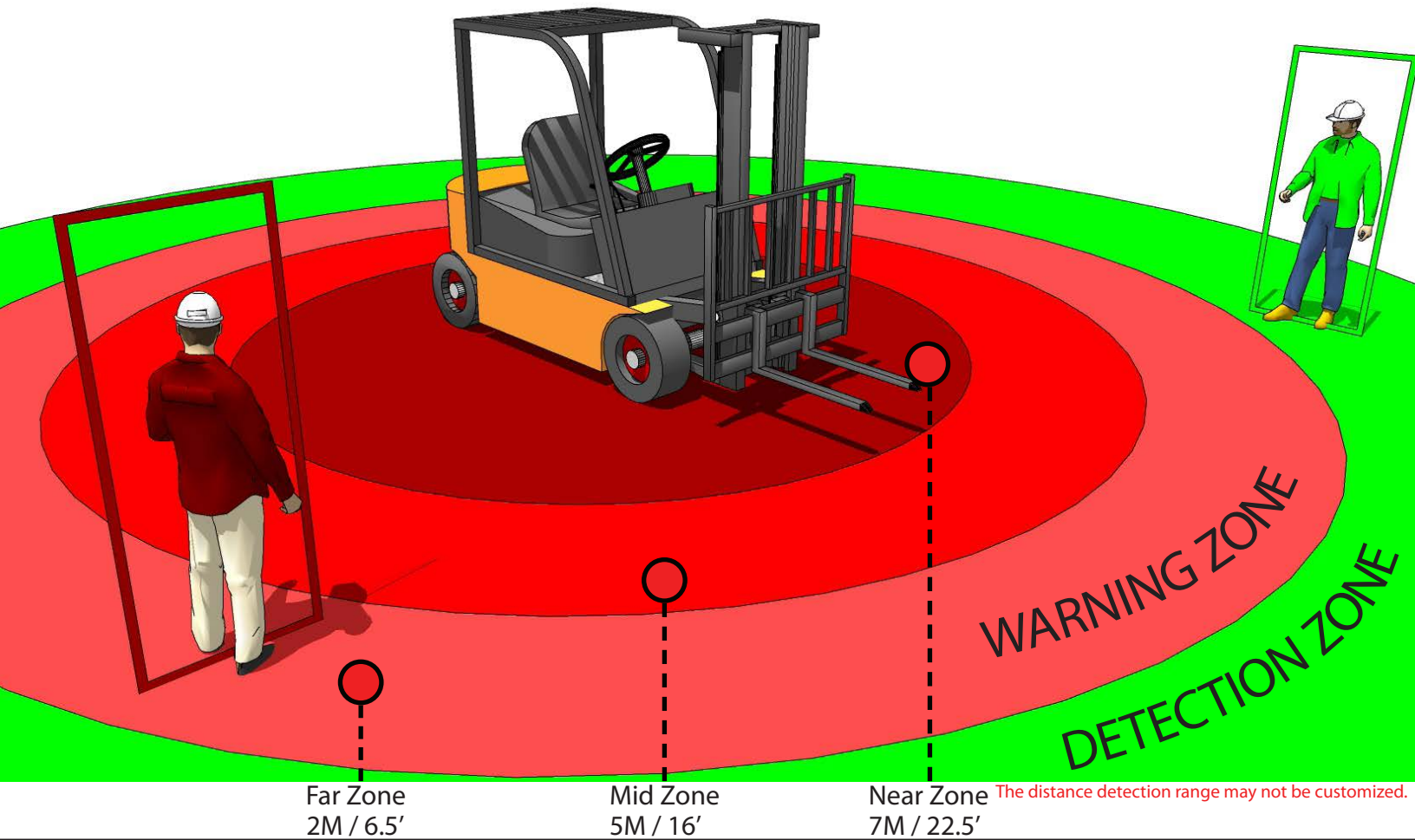 (SD card NOT included)

Forklift Face Recognition System Components

4 cameras

3 Line Lights

1 On board Split ScreenScreen

1 Audible alarm

May not include all mounting hardware, some drilling required for permanent installation

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Forklift Face Recognition System for Pedestrian Safety kit (Green/Red Lights & Cameras)

WARNING ZONE

DETECTION ZONE

Far Zone	Mid Zone	Near Zone
2M / 6.5'	5M / 16'	7M / 22.5'

The distance detection range may not be customized.

Configurable zone distances for pedestrian detection

- The forklift system (user interface) has the option to select one of 3 warning zones
- Once a pedestrian enters a specified zone, the system will highlight the pedestrian in red or green on the on-board screen, depending on the distance between the forklift and the detected pedestrian.
- The audible alarm (Max 100dB.) will be triggered when a pedestrian is detected within the warning zone as the green light changes to red (both on the projected lines on the ground as well as on the on-board screen).
- The system uses a standard SD card (not included). It records videos but does not record sound or the annotations of the people you see on the screen (the red or green boxes around humans). Files can be reviewed on a regular computer, no special software required for viewing. Memory storage will vary on the SD card used.

Monitor, lights, and audible alarm can be powered with 12V or 24V

Pedestrian detected inside of warning zone

Pedestrian detected inside of detection zone

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