



AI BUTTERFLY

Immediate detection of pedestrians in operational areas

The AI BUTTERFLY Safety System detects pedestrians within the operational area and promptly alerts the driver.



- AI Butterfly is based on artificial intelligence technology capable of identifying people, ignoring objects, and providing real-time alerts about the presence of a pedestrian.
- Our system features four strategically placed cameras around the perimeter of the forklift or transport vehicle, tailored to the specific vehicle model. It utilizes advanced AI technology to detect pedestrians while ignoring objects, providing real-time alerts in English. Additionally, the system offers adjustable volume levels for its numerous commands.
- AI Butterfly is suitable for both indoor and outdoor operations.
- AI Butterfly advantage over other systems is that it does not require employees to wear identification tags, reflective vests, or marked hats for detection.

AI Butterfly display constantly showcases four miniature screens, giving the forklift driver a comprehensive view of the operational area. When a person enters a predefined danger zone on one of the screens, that specific screen will take over the entire display. Simultaneously, an audible alert will sound, and a flashing orange LED alert will appear at the bottom of the screen.

The system includes:

- Control unit for managing system components.
- 7-inch display mounted in the driver's cabin with visual and auditory alerts.
- Two front cameras to monitor the mast and prevent blind spots when pedestrians cross in front of the vehicle.
- Two rear cameras with cross-coverage to monitor the rear operational area.
- Optional driver behavior detection camera.
- SD card slot for recording, with storage options of 128GB or 1TB (optional).
- SIM card slot for online tracking information (optional).
- Screen operating voltage: 12-80VDC.

AI Butterfly system is suitable for the following vehicles:

Counterbalance Forklift: Provides a 360-degree perimeter alert around the forklift.

Reach Forklift: Offers a 90-degree alert (covering the area behind the driver's seat and the entry point to the driver's seat).

Container Handler: Equipped with two systems that cover the entire area around the vehicle from both directions, alerting the driver.

For more details visit us at: www.solansystems.com

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