



EPAS A.I. Tagless Pedestrian Detection



See people. Alert operators.
Help reduce vehicle-to-pedestrian risk.

EPAS A.I. uses advanced neural-learning technology and cameras to detect human presence around vehicles and alert the operator with clear audible and visual warnings.

Because it detects people rather than tags or specific clothing, staff, visitors and vehicle operators can be protected without relying on wearable devices.



EPAS Features



Tagless human detection: Detects people around the vehicle regardless of what they are wearing - no magnetic tags or special reflective vests required.



AI with fewer nuisance alarms: Advanced neural learning is designed to recognise human activity and minimise unnecessary alarms, helping operators focus on genuine hazards.



Adjustable detection zones: Camera-based detection zones can be configured to suit the vehicle, application and site. Multiple cameras can provide coverage to the front, rear and sides for up to 360° detection.



Clear operator alerts: When a person is detected, EPAS provides audible and visual warnings through the vehicle's display and alert system, helping give the operator critical awareness of people entering a danger zone.



Built for demanding worksites: Rugged IP68+ camera housings, low-light capability and a wide operating temperature range make EPAS suitable for demanding industrial environments. EXD flameproof versions are also available.



Ready for active avoidance: EPAS can be integrated with Ezetech autonomous braking, crawl-speed and geo-fencing technologies where an engineering-level active avoidance solution is required.

Designed around your vehicles and site

From forklifts and VNA order pickers through to loaders, trucks and other mobile plant, EPAS can be configured to suit the way your vehicles operate and the risks present on your site.



Award-winning safety technology:

EPAS contributed to BlueScope Australian Steel Products' award-winning Mobile Equipment Pedestrian Detection initiative, recognised for **Best WHS Technology Deployment and Adoption** at the **Australian Workplace Health & Safety Awards 2025**.



Detect the person > Alert the operator > Create a safer working environment

EPAS relies on line of sight and cannot detect a person hidden behind a wall, rack or other obstruction.

Why Ezetech?

20+ Years of safety technology experience.

Ezetech Solutions an Australian authorised dealer and integrator of speciality safety technologies sourced from around the world.

We're a proudly Australian company that provides solutions for a wide range of vehicle types - from cars and utes, vans and buses through to forklifts, loaders, excavators, graders, skidsteers, dump trucks, water tankers, road trucks - and for sites including factories, warehouses, distribution centres, mines and quarries.

Our service is practical and mobile. We consult, supply, assist with commissioning and provide training, with on-site support available Australia wide, and shipping worldwide.

Industries

- Construction
- Warehousing/Distribution
- Manufacturing
- Logistics & Road Freight
- Mining & Quarries
- Utilities & Waste
- People Transport

Don't wait for an incident to happen

Talk to Ezetech about the right safety technology for your vehicles and site.



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