Vision HFR 4-Camera System with Lighting

AI HUMAN-FORM RECOGNITION, 4 CAMERAS · LED SAFETY LIGHTING

PART No. SL-0007-PS

An AI human-form-recognition safety system that detects people — not general movement — across front, rear and both sides — full 360° detection and warns the driver before a strike. Integrated LED safety lighting projects a visible exclusion zone for pedestrians. Built for construction, waste and industrial vehicles.

- AI human-form recognition across front, rear and both sides
- Escalating visual and audible in-cab alert
- Speed-gated for low-speed manoeuvring
- IP69K cameras with WDR and infrared
- LED red-line / boundary safety lighting



AI human-form recognition · for professional installation

PRODUCT MARKINGS CE

HFR AI — PEOPLE, NOT MOTION
4 cameras — FRONT, REAR AND BOTH SIDES
Escalating — VISUAL + AUDIBLE
IP69K — WDR + INFRARED
Speed-gated — LOW-SPEED WORK
–30 to +70 °C — OPERATING RANGE
LED lighting — EXCLUSION ZONE
Professional — INSTALLATION

Ideal for

- Plant & machinery
- Forklifts
- Refuse vehicles
- HGVs
- Tankers
- Construction vans

People, not motion
AI recognises human forms to cut false alarms.

Escalating warnings
Visual and audible in-cab alerts as risk increases.

Built for site life
IP69K cameras for day, night and poor weather.

Why Vision Telematics

- **Expert support** — Help from our specialist team
- **Commercial grade** — Built for working fleets and assets
- **One platform** — Vehicles, cameras & assets, one login
- **One partner** — Hardware, connectivity & software

Features & benefits

FEATURE — WHAT IT DOES	BENEFIT — WHAT IT MEANS FOR YOU
Human-form recognition AI recognises people rather than racking, pallets or general movement.	**Fewer nuisance alarms** Operators trust the alerts — and act on them.
Escalating in-cab alert Visual and audible warnings that escalate as a person gets closer.	**Time to react** Clear warning before a strike, not after.
Speed-gated activation Detection active during low-speed manoeuvring.	**Alerts when they matter** No distraction at travel speed.
IP69K cameras with WDR & IR Sealed cameras with wide dynamic range and infrared.	**Works day and night** Reliable detection in rain, dust and darkness.
LED safety lighting Red-line or boundary light marks the danger zone on the ground.	**Pedestrians see the risk** Keeps people out of the exclusion zone.

Technical specification

System specification

Detection	AI human-form recognition (HFR)
Cameras	4 × IP69K camera with WDR and infrared
Coverage	front, rear and both sides — full 360° detection
Alerts	Escalating visual and audible in-cab warning
Activation	Speed-gated for low-speed manoeuvring
Operating temperature	–30 °C to +70 °C
Durability	Shock- and vibration-proof
Lighting	LED red-line or boundary warning light
Certifications	CE

Options & accessories

Options & accessories

SL-0014-PS	Red-line zonal truck light	SL-0027-PS	Thumbs-up / no-entry LED display
SL-0015-PS	Red LED zonal light	SL-0028-PS	Two-way switch panel

Ready to put the Vision HFR 4-Camera System with Lighting to work?

Talk to our team for a demonstration, a tailored quotation or help choosing the right configuration. We supply and support everything — hardware, connectivity and the Vision platform — from one partner.

Book a demo

Request a quote

Scan for the product page

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