Vision HFR 3-Camera System with Lighting

AI HUMAN-FORM RECOGNITION, 3 CAMERAS · LED SAFETY LIGHTING

PART No. SL-0006-PS

An AI human-form-recognition safety system that detects people — not general movement — across three blind-spot zones 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 three blind-spot zones
- 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	**3 cameras** 3 BLIND-SPOT ZONES	**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	3 × IP69K camera with WDR and infrared
Coverage	three blind-spot zones
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 3-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

CALL
0800 020 9339

EMAIL
info@visiontelematics.com

WEB
visiontelematics.com

VISIT
22 High Street, Epworth, Doncaster DN9 1ET, UK

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