

ViewtechAi™ 360° Pedestrian Detection System

Industrial Quality Safety System

\\ VT639AI2-KIT



Artificial Intelligence based Pedestrian Detection / ISO 16750-3 5.9G Vibration Rating / Works with Fleetview™

The VT360AI2 represents a significant step up from traditional ultrasonic, radar, or passive camera systems by using active Artificial Intelligence to distinguish humans from static objects or machinery.

The system is designed to provide a “safety bubble” around heavy machinery and vehicles where blind spots are a high risk.

- › **Pedestrian Identification:** Unlike standard motion sensors that might trigger for a traffic cone or a wall, the AI is trained specifically to recognize the human form.
- › **360° Coverage:** By stitching together multiple camera feeds, the system provides a seamless bird's-eye view of the vehicle's surroundings.
- › **Visual & Audible Alerts:** When a pedestrian is detected, the system highlights them on-screen and triggers an alarm. This is paired with the Pedestrian Proximity Indicator, which uses light and sound to provide immediate spatial awareness. By pinpointing direction and distance, it allows for instant reactions without the need to interpret a complex video feed.
- › **Trigger-Out Integration:** The system can send a signal to external hardware. E.g. Slowing down the vehicle, or activating external strobe lights & sirens.

Applications

- › Road Working, Construction & Mining
- › Transportation
- › Traffic management
- › Material Handling

Main Features

- › Deep learning algorithms and machine learning detect human presence instantly
- › Highlights humans on screen with estimated distance
- › Electrical output to trigger external devices on detection
- › Works with Fleetview™ Recording Systems

Included

- › 360° AI Compute + Video Stitching Unit
- › 7" Waterproof Touch Screen
- › 4 × 1080p Cameras
- › 4 × Calibration Mats
- › Remote Control
- › Wiring Accessories
- › Mounting Accessories

Works with Fleetview™

ViewtechAi™ works with Fleetview™, a comprehensive recording and remote access platform.



Specifications

Camera Resolution	1080p
Human Detection Range	0.5 – 15 m
Human Detection Angle	360°
Power	10 ~ 32 VDC
Alarm Output	+ voltage on human detection
Operating temp	-20 ~ 70 °C



3-5 YEAR
NZ/AU WARRANTY



24-HOUR
SUPPORT



ONLINE
ASSISTANCE



SMART
TECHNOLOGY



FIT FOR
PURPOSE

0800 888 324
viewtech.co.nz

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Pedestrian Proximity Indicator (PPI)

The VT360AI2 system includes a dedicated interface that functions similarly to a radar display. Using intuitive light and sound cues, it provides immediate feedback on a pedestrian's direction and proximity. This grants operators total spatial awareness and the ability to react instantly without interpreting a video feed. The PPI allows the system to remain fully functional even in monitor-free configurations.

Viewtech VT-PA30 Pedestrian Alarm

The VTPA-30 integrates seamlessly with the VT360AI2 system to create an intelligent warning environment. When triggered by the AI, the device activates a high-intensity strobe and audio alert to warn pedestrians of a vehicle's presence. By only sounding when personnel are at risk, this "smart" alarm significantly reduces site-wide alarm fatigue. Despite its compact footprint, the VTPA-30 delivers a high-decibel output and features audio alerts that are fully customizable via USB.

Viewtech Monitors

The VT360AI2 is fully compatible with the existing range of Viewtech monitors, allowing for easy integration into current fleet setups. Supported models include:

- › 7-Inch: VT7WP-TCH, VT7FHDQ, VT7WPQ-720
- › 10-Inch: VT10FHDQ, VT10WPQ-720

Works with Fleetview™

ViewtechAi™ integrates seamlessly with Fleetview™, a comprehensive platform for recording and remote access. The system can record the full stitched bird's-eye view or individual camera feeds, with the ability to automatically upload video snippets upon pedestrian detection. This enables rapid, evidence-based event reviews for fleet managers, health and safety personnel, and business owners.



Pedestrian Proximity Indicator (PPI)



Pedestrian Alarm (VT-PA30)



3-5 YEAR
NZ/AU WARRANTY



24-HOUR
SUPPORT



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