Prox Eye ULTRA

Visual Guidance System, ZERO harm on worksites

PROX-EYE is an AI-powered vision system designed to enhance situational awareness and improve safety for vehicles of all sizes. We take a 'proactive' approach to safety, aiming to build trust between human operators and automated systems to prevent accidents before they occur.

Built with industrial environments in mind, PROX-EYE uses advanced computer vision technologies, including LiDAR, AI camera, and single camera options, to detect objects, monitor surroundings, and provide real- time feedback to operators.

Whether you need a single rear-facing camera or a full 360-degree system, PROX-EYE can adapt to your needs with flexible configurations and reliable performance. The system helps reduce blind spots, avoid collisions, and improve operator confidence.

PROX-EYE® ULTRA

Real-Time Detection & Classification

Situational Awareness

Reliable All-Conditions Performance

Automatic Near Miss Recording & Event Logging

CORE CAPABILITIES

- Collision warnings based on the Correct-Ai robust AI model
- Improve operator confidence
- Tamper-proof video & photo recording and storage
- Built for heavy equipment operations
- Reliable and proven technology
- Affordable and compact

FEATURES

- Hassle-free installation
- High-definition cameras
- 7" Operator Monitor
- Customizable hazard classification
- Secure recording and reporting
- Business intelligence with dashboard

Product Specifications

Correct-Ai
Industrial Robotics + Artificial Intelligence

HD Camera

Image Device
1/ 2.9 " CMOS

Resolution
1920 X 1080

Field of View (FOV)
170 (horizontal)

Frame Rate
2-30 fps

Viewing angle
170/1.9 8mm lens

Operating Temperature Range
-20(to 70C, RH 95% MAX.

Anti-vibration
ISO 16750-3 (5.9G)

Storage Temperature Range
-30(to 80C, RH 95% MAX

Night Vision Distance
8-10m

IP Rating
IP69k

Rugged metal enclosure designed for heavy-duty industrial use

Vehicle-ready mounting for mobile and off-road equipment

7" Touchscreen LCD

Resolution
1024 X 600

Brightness
110 cd/m² to 700 cd/m²

Touch Method
G+G capacitive touch

Display Interface
HDMI

Working Voltage
11-30V

Video Format
H.264 in MP4

IP Rating
Waterproof IP 66

CONTACT AUSTRALIA'S LARGEST DEALER

☎ 1800 655 860

WWW.SMARTTECHAUSTRALIA.COM.AU

BRISBANE
45-47 Bell-Are Ave, Northgate, QLD 4013

TOWNSVILLE
11-13 Casey Street, Townsville, QLD 4814

SYDNEY
34 Woodfield Blvd, Caringbah, NSW 2229

MELBOURNE
11B The Crossway, Campbellfield, VIC 3061

PERTH
2/30 Walters Drive, Osborne Park, WA 6017

Product Specifications

Correct-Ai
Industrial Robotics + Artificial Intelligence

7" Touchscreen Operator Monitor

CPU
NVIDIA 6-core Cortex A78 AE (64-bit)

Memory and Storage
LPDDR4X 8GB
eMMC 256GB

Connectivity
- HDMI video input
- PoE network (industrial M12)
- USB, CAN
- Wi-Fi / Bluetooth / cloud

Camera Input
4x PoE (industrial M12)

Design
Vibration-Resistant Industrial-Grade

Max Power Consumption
<15 W

Protection Rating
IP65

Operating / Storage Temperature
-30°C to + 7 5°

PROX-EVE® System

Obstacle Detection Range
Humans ≤ 10 m
Vehicles ≤ 30 m

Notifications
Adjustable for three zones

Reaction Time
< 0.5 s

Situational Awareness
Obstacles Detection
Obstacle Identification

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