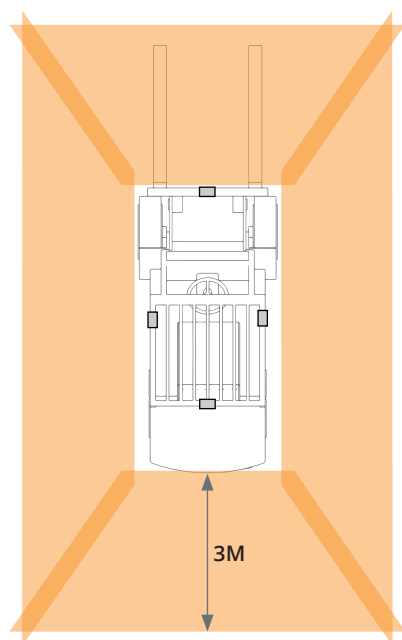


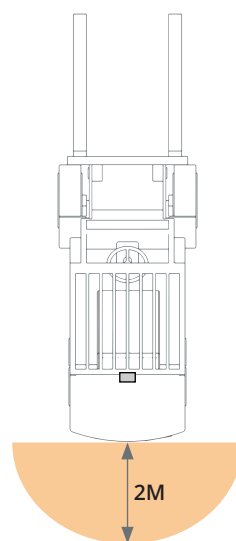
PXLED-DVR

READ BEFORE INSTALLATION

Protect Your People™



Deploy up to 4 cameras anywhere on the machine for maximum coverage and 360° detection.



Customisable detection zones
Select the zone's size, shape, location and off-set from the machine.

www.proxicam.ai
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1A Campbell St,
Artarmon
NSW 2064
Australia



The Proxicam pedestrian detection system includes AI-powered smart cameras, trained in object recognition and able to identify and track the human form.

Proxicam cameras can be deployed anywhere human proximity needs to be monitored, on any type of vehicle or machine.

Connect up to 4 cameras for an all-around 360° detection area.

When a person is detected within the predefined zone(s), operators receive real-time, audible and visual alerts.

Proxicam logs the event, capturing the video footage and vehicle telemetry data which is stored locally or uploaded to the cloud.



IMPORTANT



Proxicam is an operator aid only and does not replace operator attention or responsibility. As with all technology, Proxicam cannot guarantee 100% accuracy at all times.

This serves as a guide only and assumes the person installing the system is qualified or suitably competent. If you are unsure at any stage, contact our technical support.

Setup Guide

- 1 Position the Proxicam(s).** Cameras should be placed as high as possible. Cameras are rated IP69K water and dust proof.
- 2 Install the Detection Indicator** in line-of-sight from the machine operator, where it can easily be seen and heard by the operator. The Detection Indicator is rated at IP67 water and dust proof.
- 3 Run the extension harness(s)** from the camera(s) into the machine, connect the DVR, the Detection Indicator and the machine's power according to the wiring schematic. (see next page)
- 4 Plug the WiFi interface** in-between the camera and the extension harness. This is only temporary, to configure the camera. Then it will be removed.
- 5 Power-up the machine, go to Wifi on your phone** and join the camera's network **SSID: PXCAM-*******
Password: pxcam123
- 6 Scan this QR code** to launch the Proxicam Configurator App in your phone's browser.
Login **User Name: Installer**
- 7 Click Calibrate** to get a live video feed from the camera and begin setting it up.
Click **Help** on any page for an explanation.
- 8 Define the required detection zone**, on the ground using cones as markers, then drag the on-screen zone lines to match your marked-out area.
- 9 Complete the setup**, remove the WiFi interface harness and plug the Proxicam into the extension harness.



<http://192.168.60.1>



IMPORTANT - READ ME

1. Cameras must be configured before use.
2. If a camera is moved it must be reconfigured.
3. The WiFi Interface and USB harness are not water proof and must be removed after configuring the camera.
4. Output triggers on the camera harness should not be connected to 3rd party devices. Use the DVR Alarm Out.
5. The GPS antenna must be mounted in a position that allows it a clear view of the sky.
6. The Video & Event Recorder should be mounted in a location that allows access to remove the hard drive from the hot-swap bay.
7. Unused camera input plugs must be sealed using the supplied screw-on end caps.
8. Should the vehicle not have a switched Ignition, join the ACC wire the VCC wire.
9. The VCC (Backup) and GND (Backup) wire are optional and not required.
10. The supplied Warning Sticker must be fixed to the machine in clear view of the operator.



Need Support?

Call 1800-227-548

(Mon - Fri 9:00 - 17:00 AEST)

Go to

www.proxicam.ai/support

TECHNICAL SPECIFICATIONS

PXCAM-FE		PXCAM-H	
Focal Length	1.45mm	Focal Length	2.3mm
Viewing Angle	170°	Viewing Angle	140°
Detection Distance (m)	0.5 ~ 12m	Detection Distance (m)	0.5 ~ 20m
Input Voltage	10V ~ 32V DC	Input Voltage	10V ~ 32V DC
Input Current	320mA @ 12V	Input Current	320mA @ 12V
Operating Temperature	-20°C ~ +70°C	Operating Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +85°C	Storage Temperature	-40°C ~ +85°C
Waterproof Rating	IP69K	Waterproof Rating	IP69K

PXLED		DVR	
Operating Voltage	9V - 16V DC	Operating Voltage	9V - 36V DC
Current Draw	40mA MAX	Power Consumption	15W (working)
LED Luminosity	830 mcd / 3.3Lux	Power Consumption	60W (maximum)
Loudness (Avg) @50cm	80dB ±10dB	Power Consumption	100mW (standby)
Sound Frequency	750Hz±25Hz	Current Draw	3.5A @ 12V
Waterproof Rating	IP67	Waterproof Rating	IP69K
Operating Temperature	-20°C ~ +75°C	Operating Temperature	-20°C ~ +70°C
		Vibration Resistance	MIL-STD 810G
		Wireless Connectivity	4G LTE
		Wireless Connectivity	WiFi 802.11

WIRING SCHEMATIC

1, 2, 3 and 4 Camera System
with Detection Indicator + Video and Event Recorder

