

PXCAM-EVO-LED

## READ BEFORE INSTALLATION

Our Vision Saves Lives™

proxicom

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.

When a person is detected within the predefined zone(s), the system will:

- Activate the in-cabin HMI - illuminating the LED and sounding the audible alert.
- Send a trigger via the output to activate 3rd party hardware such as beacons or sirens. Or integrate into DVR & telematics devices to report on detection events or record video footage. (Sold separately)



### 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.

1

**Position the Proxicam.** Cameras should be placed as high as possible. With a 170° Fisheye lens, they provide a detection area up to 10m from the camera. Cameras are IP69K rated.

2

**Install the Detection Indicator** in direct line-of-sight from the machine operator, where it can easily be seen and heard by the operator. It is rated at IP67K water and dust proof.

3

**Run the extension harness** from the camera(s) into the machine, plug in the Detection Indicator and connect to the machine's power.

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

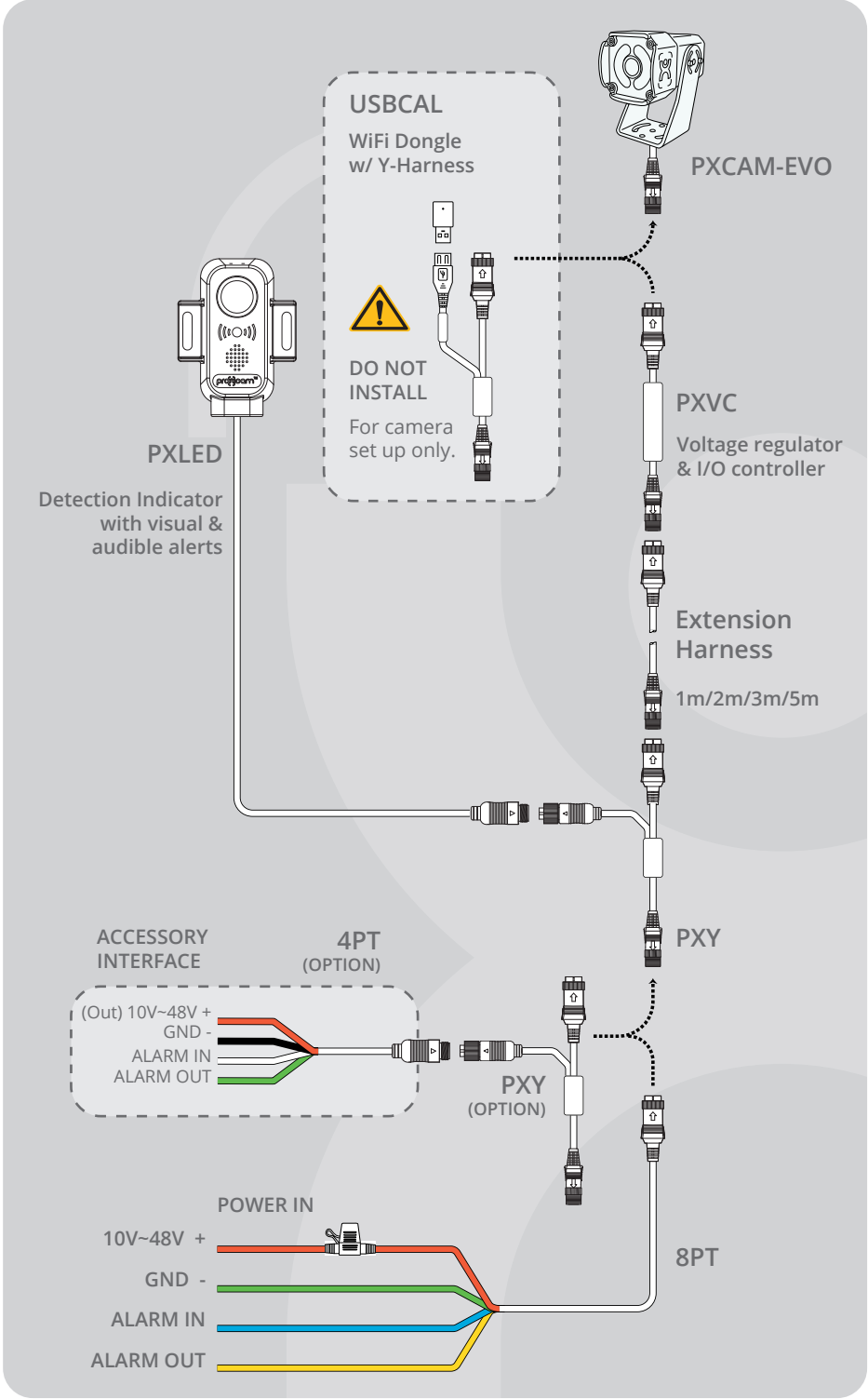
**Define the required detection zone**, on the ground using cones as markers, then **drag the on-screen zone lines** to match your marked-out area.

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



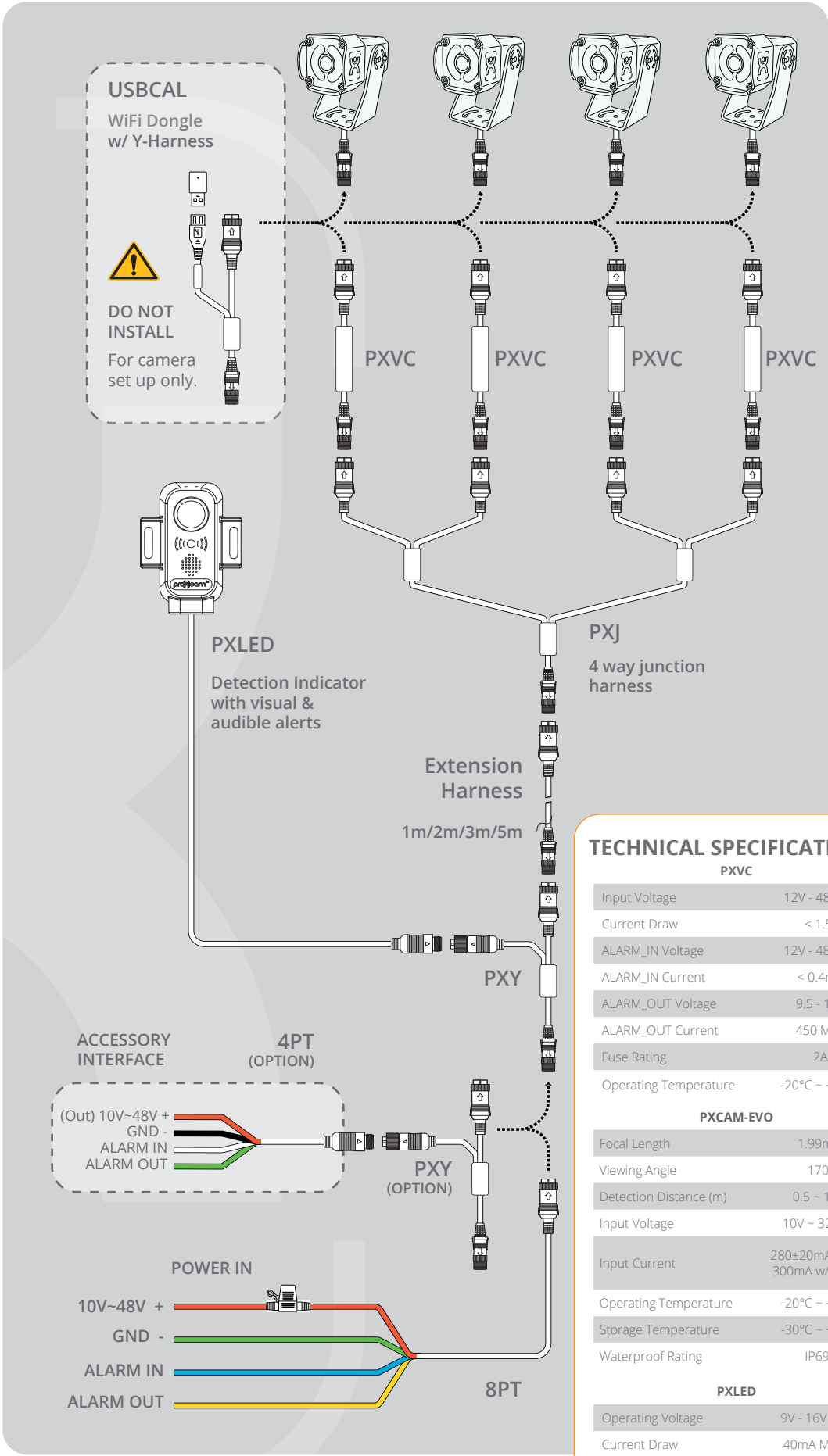
1. Cameras must be individually configured before use.
2. If a camera is moved it must be reconfigured.
3. PXVC regulates the camera voltage and I/O switching. It must be connected - either before or after extensions.
4. The USB-CAL WiFi Interface and USB Harness are not waterproof and must be removed after configuring the camera.
5. The ALARM IN is a conditional input trigger. If a conditional input is not being used, then the ALARM IN must be connected to positive (+) power.
6. The ALARM OUT voltage will be equal to the POWER IN voltage and can be used to power 3rd party devices. Voltage is regulated at 9.5V - 13V.
7. The ALARM OUT max current is 450mA. A 12V switching relay may be required when triggering 3rd party devices.



Need Support?

Call 1800-227-548  
(Mon - Fri 9:00 - 17:00 AEST)

Go to  
[www.proxicam.ai/support](http://www.proxicam.ai/support)



TECHNICAL SPECIFICATIONS

PXVC	
Input Voltage	12V - 48V DC
Current Draw	< 1.5A
ALARM_IN Voltage	12V - 48V DC
ALARM_IN Current	< 0.4mA
ALARM_OUT Voltage	9.5 - 13V
ALARM_OUT Current	450 MAX
Fuse Rating	2A
Operating Temperature	-20°C ~ +60°C
PXCAM-EVO	
Focal Length	1.99mm
Viewing Angle	170°
Detection Distance (m)	0.5 ~ 10m
Input Voltage	10V ~ 32V DC
Input Current	280±20mA @ 12V 300mA w/LED on
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
Waterproof Rating	IP69K
PXLED	
Operating Voltage	9V - 16V DC
Current Draw	40mA MAX
LED Luminosity	830 mcd / 3.3Lux
Loudness (Avg) @50cm	80dB ±10dB
Sound Frequency	750Hz±25Hz
Waterproof Rating	IP67
Operating Temperature	-20°C ~ +75°C