

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



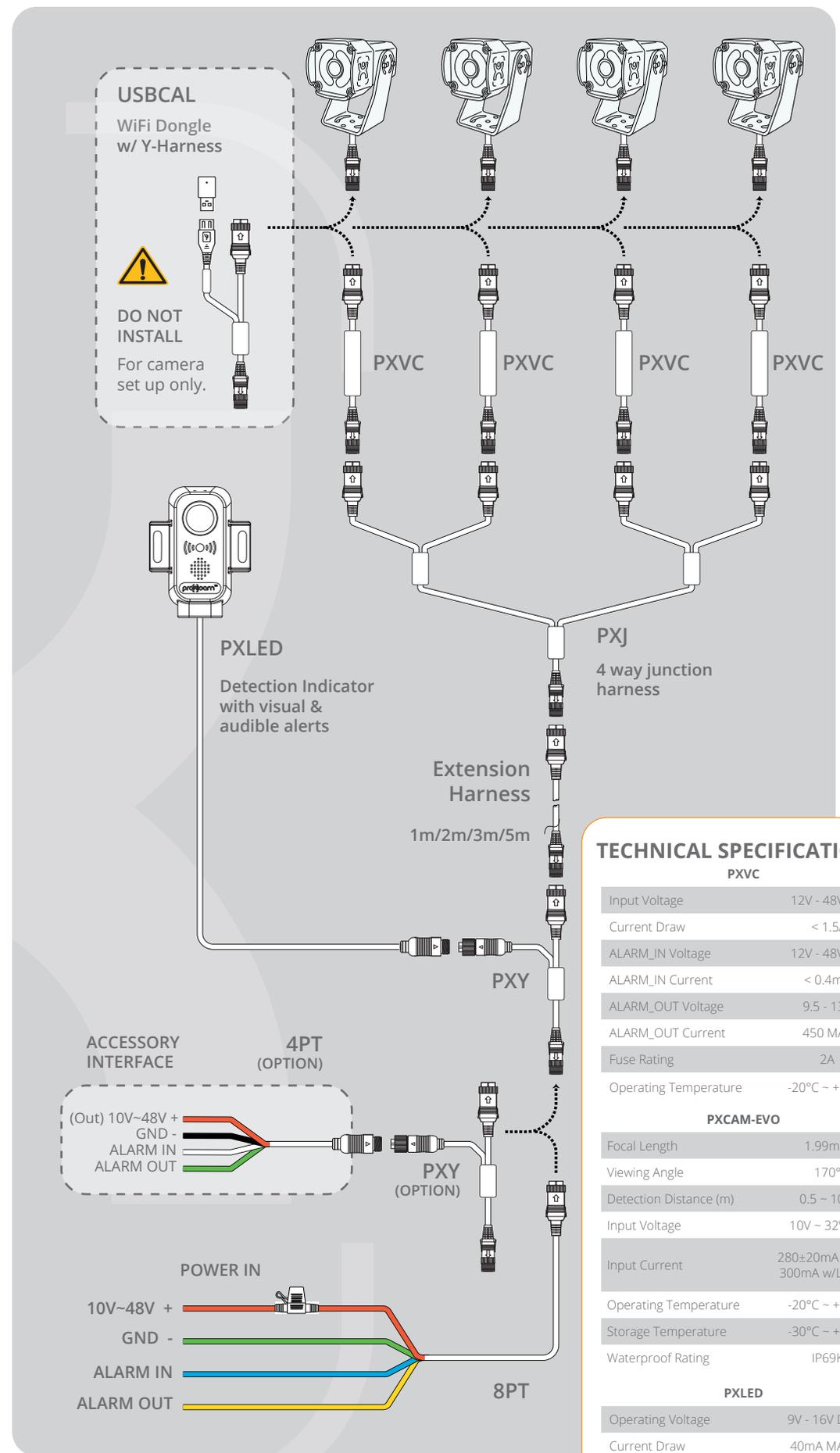
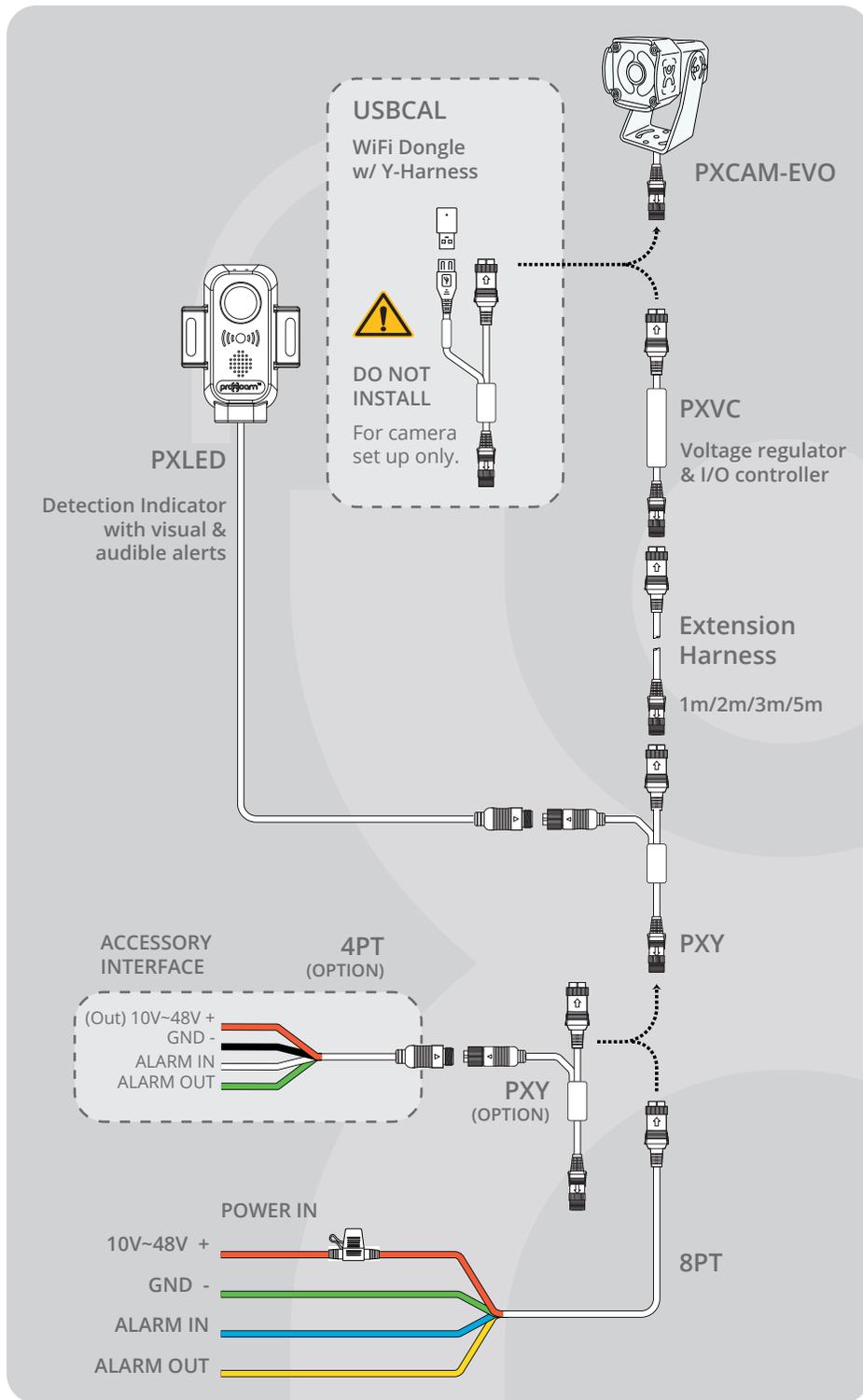
Proxicam is an operator aid only and does not replace operator attention or responsibility. As with all technology, Proxicam cannot guarantee 100% accuracy at all times.

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>



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

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 USBCAL 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