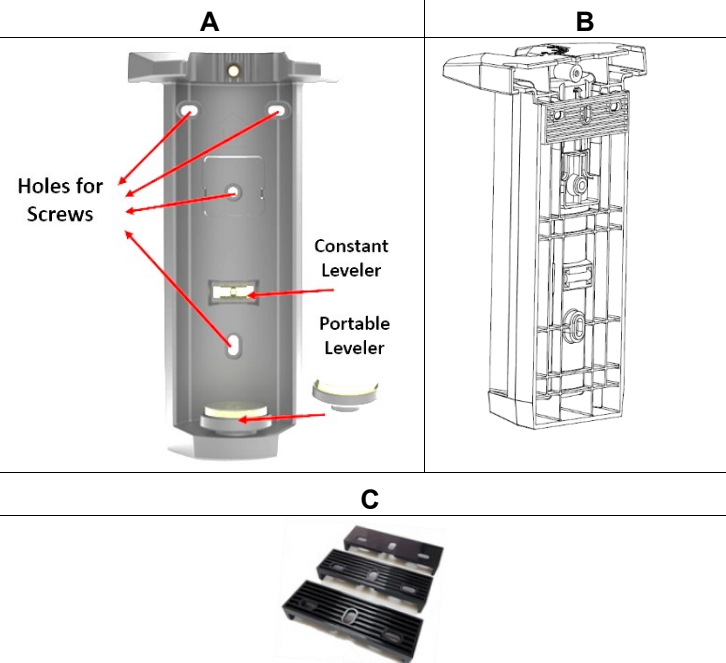
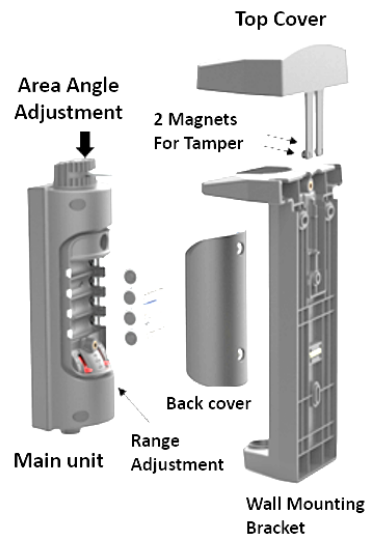
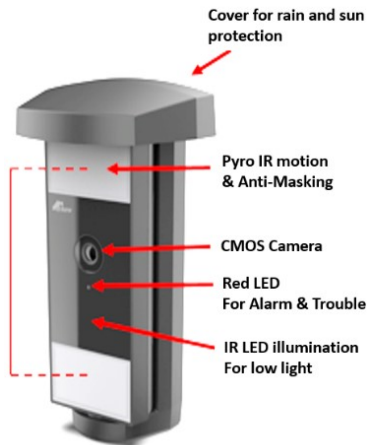
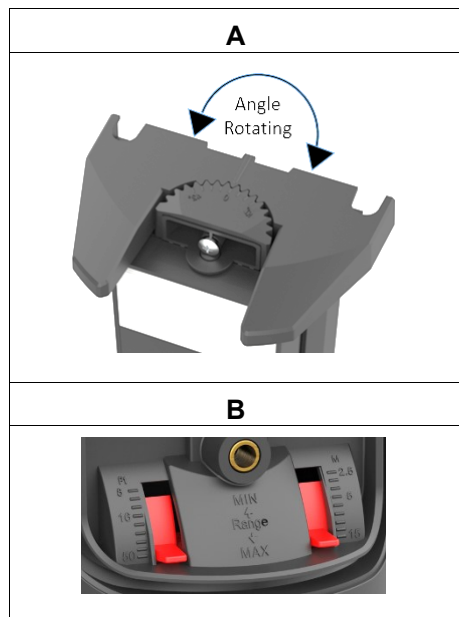




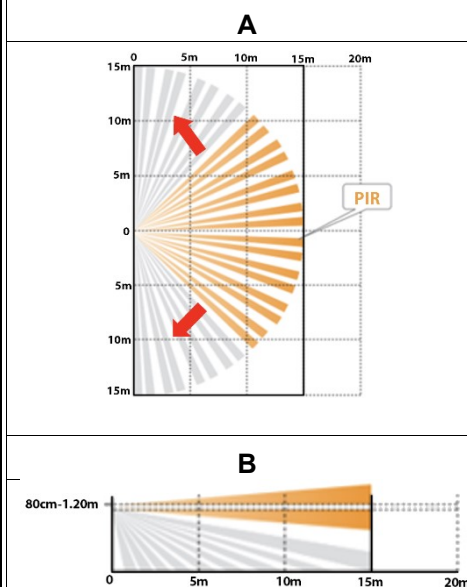
V54552-F111-A100
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7103550 Rev A



4



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	868-869MHz
	<1300m in open space
	4x 1.5V AA 3400mAh (Li-FeSx) SURIKATA EXTREME PRO 1.5V AA Energiser L91
	<5 years
	Stdby ~100 uA Tx ~14dBm
	2.8V (Cut off 2.5V)
	218mm x 75mm x 87mm
	400g
	-25°C ~ +65°C
	IP65
	Picture Mode Configurable BW / Color
	Resolution Configurable VGA / QVGA

8

-  • Directive: 2014/30/EU (EMC)
• Directive: 2014/35/EU (LVD)
• Directive: 2014/53/EU (RED)
<http://pcd.vanderbiltindustries.com/doc/wireless>
-  • EN50131-4
• EN 61000-6-3
• EN 301 489-1
• EN 301 489-3
• EN 300 220-1
• EN 300 220-2
• EN 62368-1



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OVERVIEW

The WPIRCAM-EXT is a two-way wireless outdoor dual PIR motion detector with active Anti-Mask feature.

The WPIRCAM-EXT is designed for outdoor usage in most severe and extreme environments.

Its high reliability is achieved by combining both adjustable mirrors based dual quad sensors with highly sophisticated software analyzing reducing false alarms, adaptive coverage area and pet immunity feature.

The WPIRCAM-EXT is designed to protect large areas and can easily be installed on walls to provide protection for outdoor areas.

DISCOVERY AND ENROLLMENT PROCESS

Discover the WPIRCAM-EXT detector from the acre Intrusion control panel:

- In the acre Intrusion browser, select **Configuration>Wireless>Two Way** and click **Enrol New Device**.
- Open the detector (**Fig. 1, Fig. 2**).
- Remove the pull-tab for the battery to start the discovery process from the device.
- During the discovery process, the following LED sequence occurs:

	LED (Fig. 1 item 1)	State	Duration (s)
Power up	Green/Red	Fast Flash	20 - 25
Discovery Start	Green	Slow Flash	3 - 5
Discovery Complete	Green	Steady	3 - 5
Discovery Failed*	Red	Steady	

- You can now enroll the device by configuring the Description, Zone, Zone Type and other settings in the acre Intrusion system.

Add the Camera

- In the acre Intrusion browser, select **Configuration>Advanced>Verification>Video** and click **Add Wireless Camera**.
- Select **Edit>PIRCAM** and select **PIRCAM**.
- Click **Save**.

Discover and enroll the WPIRCAM-EXT detector from the keypad

- On the keypad, select **WIRELESS>SENSORS>ADD>ENROL**.
The keypad displays the **ADD** screen with a flashing **ENROL DEVICE** message.
Follow steps 2 - 4 in the Discover process above.
The keypad displays the **FOUND SENSOR** message.
- Click **OK**.
- You can now enroll the device by configuring the **AREA, ZONE TYPE** and **ZONE** settings.
- Click **OK**.
- The keypad displays the **UPDATED** message.
The WPIRCAM-EXT is now enrolled on your acre Intrusion system.

Note: Initialization delay time = up to 40 seconds.

Repeat initialization time = up to 1 second.

*DISCOVERY FAILED

Remove the batteries, wait for around 10 seconds and repeat the process.

MOUNTING PROCESS



CAUTION

Verify the Signal level before installing the detector

You must use the correct mounting holes as indicated in **Fig. 3A**.

- Recommended mounting height – 0.8m to 1.2m.
- Select the best mounting position to ensure complete coverage of the area (**Fig. 5A, Fig. 5B**).
- Clear all physical objects from the detection area.
- Clear all light reflecting surfaces from the detection area including water puddles.

AVOID THE FOLLOWING LOCATIONS to assure a better performance in a constant and stable environment:

- Facing direct sunlight.
- Facing areas subject to rapid temperature changes.
- Facing metal doors.
- Close to direct source of heat or air gust.
- Clear all physical obstacles from the detection area.
- Clear all light reflecting surfaces from the detection area, as well as water puddles.
- Avoid installation on the following types of ground:
Thick vegetation, un-mown Grass, Water, Sand and Metal.

Use 1 or more wall spacers (**Fig. 3B, Fig. 3C**) for installation on uneven surfaces. The wall spacers are serrated to lock together in the desired thickness.

After mounting the detector, carry out a walk-test to ensure that movement is detected throughout the effective range of the device.

If necessary, adjust the settings for the detector using your acre Intrusion system.

Detection Angle

The detector should be rotated (**Fig. 4**) to face the area that you wish to protect (**Fig. 5**).

Detection Range

The detection range can be adjusted between 2.5m to 15m over 9 levels using the levers as shown in **Fig.4, item B**.

The WPIRCAM-EXT detector has a 90° top view, double PIR detection pattern up to 15m when installed at 1.2m above the ground surface.

The protected area of WPIRCAM-EXT detector can be adjusted by adjusting internal mirrors horizontally, so its 90° coverage may vary between 0° and 180° (**Fig. 5**).

BATTERY REPLACEMENT

- Open the detector (**Fig. 1, Fig. 2**).
- Remove the old batteries.
- Insert the new batteries taking care to observe correct polarity (**Fig. 4**).



CAUTION

The batteries must be replaced by batteries of the correct specification.
4x 1.5V AA 3400mAh (Li-FeSx)
SURIKATA EXTREME PRO 1.5V AA
Energiser L91