



**PROFESSIONAL
SECURITY SYSTEM**

WIRELESS MOTION SENSOR

AM2010



**ACCESSORY
ONLY**
USE WITH AM2000 KIT

INSTRUCTIONS FOR USE

IMPORTANT! PLEASE READ THESE INSTRUCTIONS CAREFULLY.

IMPORTANT BEFORE RETURNING THIS PRODUCT TO THE RETAILER

PLEASE CONTACT **ORION** IF YOU HAVE ANY
CONCERNS OR PROBLEMS WITH THIS PRODUCT

Customer Service Phone: **(03) 9982 5111** (Monday to Friday 8.30am – 5.30pm EST)

Email: customerservice@orionlive.com.au

For further information visit www.orionlive.com.au

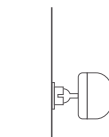
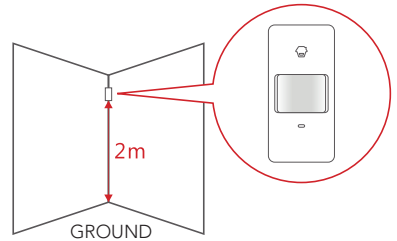
1 IDENTIFICATION

FRONT VIEW

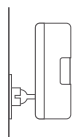
REAR VIEW

OUTER ENCLOSURE

DETECTION WINDOW



TOP VIEW



SIDE VIEW

CONTENTS:

PIR MOTION SENSOR



2 X MOUNTING PLUGS AND SCREWS



2 X BATTERIES



DETERRENT STICKERS



MOUNTING BRACKET

USER MANUAL

2 INSTALLATION AND NOTICES

1. Fix the mounting bracket on the wall with screws and attach the sensor to the bracket.
2. Adjust installation height or bracket to change the detection distance and angle.

It is recommended to mount the sensor at the height of 2m from the ground.

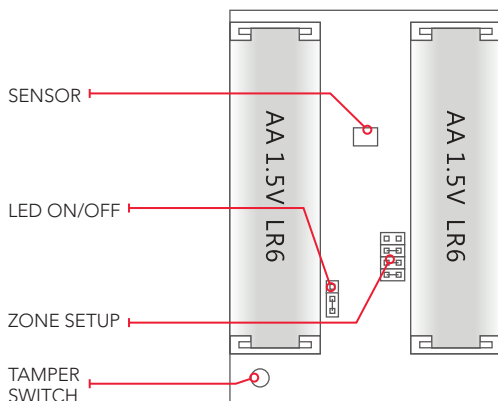
NOTE – the sensor is more sensitive to movement across the sensor rather than towards it, so the sensor functions best when it is positioned to one side of a walkway.

4 INTERNAL AND FUNCTIONS

SENSOR – detects the motion of infra-red rays released by human body and animals, or heat sources. Do not touch the sensor and always keep the detection window clean.

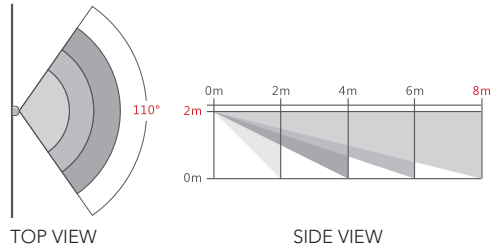
TAMPER SWITCH – when the case is opened during armed state, the tamper switch will be triggered and generate a signal to alarm the AM2000 control panel.

LED ON/OFF – set the jumper to ON or OFF position to activate or deactivate LED indication.



3 DETECTION RANGE

NOTE – if two sensors are installed in the same detection range, please adjust the location and height of each unit to avoid interference and false triggering.



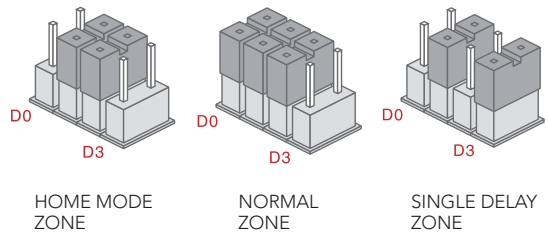
ZONE SETTING – set the jumpers to different zone mode for different alarm activation method.

HOME MODE ZONE – when home mode button is pressed on AM2000 control panel or the remote control, it will not trigger the alarm, and therefore occupants can move freely inside the room. Meanwhile other zone setting will remain armed.

NORMAL ZONE – when AM2000 is armed, if intruder detected, it will trigger alarm immediately.

SINGLE DELAY ZONE – when AM2000 is armed, if intruder detected, it will trigger alarm after 30 seconds time delay in default settings.

Note: AM2010 PIR motion sensor is set to "HOME MODE ZONE" by default



IMPORTANT – WHEN THE ZONE SETTING IS CHANGED, THE SENSOR MUST RE-PAIR WITH AM2000 CONTROL PANEL.

5 OPERATION

Open the case with a screw driver and remove the battery insulation strip to power on the sensor.

Once the sensor is powered on, it will start self testing for one minute.

TESTING MODE: After self testing, press the test button on the rear of the sensor, the sensor enters into testing mode, and detects once every 10 seconds, walk within the detection range, from left to right or right to left and monitor the LED indicator to ensure the detector is working.

Adjust the sensor angle accordingly to achieve best detection effect. After 3 minutes, the LED flashes twice, and the sensor enters working mode.

WORKING MODE: in working mode, if the sensor is triggered more than twice within 3 minutes, it will enter standby mode to save power. After no movement within next 3 minutes, the sensor goes back to the working mode.

› Pairing with AM2000 control panel

Key in the password and press the connect key on AM2000 control panel, and then press the test button twice on the back of the sensor unit. When one beep sound from the AM2000 control panel is heard, they are paired.

To check if they are connected successfully, arm the AM2000 control panel, trigger the sensor by walking within the detection range after exit delay time; if there is an alarm, the connection is successful.

› LED indication

FLASH CONTINUOUSLY – under self testing mode.

FLASH ONCE – intruder detected.

FLASH TWICE – self testing mode completed, enter to working mode.

FLASH ONCE PER 3 SECONDS – low battery indication, please change batteries immediately, user will get alert SMS for low battery if the PIR motion sensor is connected to AM2000 control panel with GSM enabled.

6 SPECIFICATIONS

Power Supply	3V DC, 2X AA 1.5V alkaline type batteries
Standby Power Consumption	0.15mW Max ($\leq 50\mu\text{A}$)
Armed Power Consumption	28.5mW Max ($\leq 9.5\text{mA}$)
Wireless Transmission Range	Up to 50m
Radio Frequency	433MHz
Dimensions	Sensor: 108(L) x 52(W) x 36.8(H)mm Bracket: 52(L) x 30(W) x 26.5(H)mm
Operating Temperature	-10°C ~ 55°C
Operating Humidity	0% ~ 80%

FOR INDOOR USE ONLY

7 WARNING

- › Do not drop, puncture, or violently shake the sensor.
- › Do not mount, directly expose or put near to the sun, water, air conditioner, refrigerator radio transmitting devices, metal objects, heater, oven, any heat sources, rapid temperature changing or high air flow locations.
- › Do not cover the sensor, mount the sensor on adequate locations and heights.
- › Handle the sensor with care, avoid unnecessary force or impact.
- › This sensor is for indoor use only.

8 TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SUGGESTED REMEDY
Sensor has no power or not powering up	Battery is loose or unplugged, low battery	Replace battery, alkaline type battery recommended. Ensure battery is secured.
No LED indication	LED indication is been turn off or Battery is loose or unplugged, low battery	Replace battery, alkaline type battery recommended. Ensure battery is secured. Turn on LED by setting the jumper to ON position.
Poor/No signal	Signal interference, out of transmission range or low battery	Relocate sensor away from water, air conditioner, refrigerator radio transmitting devices, metal objects, heater, oven, any heat sources, rapid temperature changing, high air flow locations or major obstacles. Relocate the sensor closer to AM2000 control panel. Replace battery.
No interaction between sensor and AM2000 control panel	The sensor and AM2000 control panel are not paired	Please pair the sensor and AM2000 control panel following pairing instruction.



9 WARRANTY

Arlec guarantees this product in accordance with the Australian Consumer Law.

Arlec also warrants to the original first purchaser of this product ("you") from a retailer that this product will be free of defects in materials and workmanship for a period of 12 months from the date of purchase; provided the product is not used other than for the purpose, or in a manner not within the scope of the recommendations and limitations, specified by Arlec, is new and not damaged at the time of purchase, has not been subjected to abuse, misuse, neglect or damage, has not been modified or repaired without the approval of Arlec and has not been used for commercial purposes ("Warranty").

If you wish to claim on the Warranty, you must, at your own expense, return the product, and provide proof of original purchase and your name, address and telephone number, to Arlec at the address below or the retailer from whom you originally purchased the product within 12 months from the date of purchase.

Arlec will (or authorise the retailer to) assess any claim you may make on the Warranty in the above manner and if, in Arlec's reasonable opinion, the Warranty applies, Arlec will at its own option and expense (or authorise the retailer to) replace the product with the same or similar product or repair the product and return it to you or refund the price you paid for the product. Arlec will bear its own expenses of doing those things, and you must bear any other expenses of claiming on the Warranty.

The Warranty is in addition to other rights and remedies you may have under a law in relation to the product to which the Warranty relates.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Arlec Australia Pty. Ltd. ACN 009 322 105 ("Arlec") gives the Warranty. Arlec's telephone number, address and email address are:

Customer Service: (03) 9982 5111

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