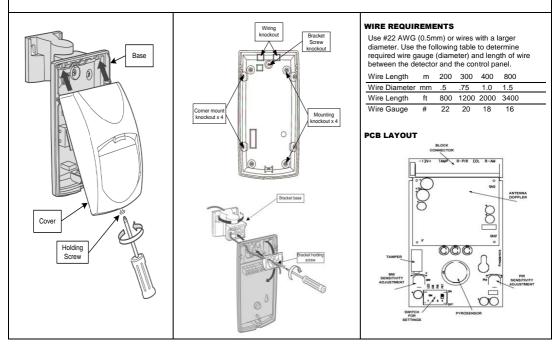
•	Wide Angle Lens	SPECIFICATION	
		Detection Method	PIR element & microwave pulse Doppler
	9m	Power Input	8.2 to 16 Vdc
		Current Draw	Active : 25.5 mA Standby: 16.5 mA
SIM		Temperature Compensation	YES
SECURITY IN MOTION		Alarm Period	2 +/- 1 sec
		Alarm Output with protection	N.C 28Vdc 0.1 A 10 Ohm series resistors
SIM-03		Tamper Switch with protection	N.C 28Vdc 0.1A 10 Ohm series resistor - open when cover is removed
MICROWAVE/ANTIMASKING		Warm Up Period	1 min
DETECTOR	9m 2.4m 18m	LED Indicator	Yellow during warm up and self testing Red during alarm Green: PIR CHANNEL Yellow: MW CHANNEL
CE	AVOID THE FOLLOWING LOCATIONS: Facing direct sunlight.	Dimensions	123mm x 62mm x 38mm
	 Facing areas that may change temperature rapidly. Areas where there are air ducts or substantial airflows. Avoid screen, curtain that may block detection area. 	Weight	120gr
INSTALLATION INSTRUCTIONS P/N 7106777 Rev A	Do not install outdoors.		

INSTALLING THE DETECTOR





Terminal 1 - Marked " - " (GND) Connect to the negative Voltage or ground of the control panel.

Terminal 2 - Marked " + " (+12V) Connect to a positive Voltage of 8.2 -16Vdc source.

Terminals 3 & 4 - Marked " TAMP "

If a Tamper function is required connect these terminals to a 24-hour normally closed protective zone in the control unit.

Terminals 5 & 6 - Marked " R-PIR "

These are the output relay PIR contacts of the detector. Connect to a normally closed zone in the control panel.

Terminal 7 - Marked "EOL" End of line option.

Terminals 8 & 9 - Marked " R-AM "

Use the Potentiometer marked "PIR" to adjust the detection sensitivity between 15% and 100%, according to walk test in the protected

The "MW" potentiometer adjusts the detection

sensitivity of Doppler between 40% and 100%

Rotate the potentiometer clockwise to increase

Rotate the potentiometer counter- clockwise to

These are the output relay Anti Mask contacts of the detector. Connect to a normally closed zone in the control panel.

RANGE ADJUSTMENT

Factory setting is 57%.

MW SENSITIVITY

(factory set to 65%).

decrease sensitivity.

sensitivity.

PIR SENSITIVITY

area.

TESTING THE DETECTOR

Apply 12 Vdc power to the detector, wait 2 minutes to finish the detector warm up time. Conduct testing with the protected area cleared of all people.

Walk test

- 1. Remove front cover.
- 2. Make sure that PULSE switch is in position 1.
- Make sure that LED switch is ON.
 Replace the front cover.
- Replace the front cover.
 Start walking slowly across the
- detection zone.
- 6. Observe that the detector's LED
- lights whenever motion is detected.
- Allow 5 sec. between each test.
 After the walk test is completed, the
- LED and PULSE jumpers may be changed.

NOTE: Walk tests should be conducted, at least once a year, to confirm proper operation and coverage of the detector.

DETECTOR SETTINGS

Switch 1: LED Control Position Up - ON - LED ENABLE Position Down - OFF - LED DISABLE The LEDS are disabled (except "Anti Mask" mode).

<u>Note</u>: when an object is too close to the detector (*depending on Switch 2 position*), all three LEDs will blink together until the SIM-03 exits the Anti Mask.

LED INDICATORS:

YELLOW LED - MW detection's GREEN LED - PIR detection's RED LED - Alarm

Switch 2: Anti Mask function Position Up – ON - protection against masking the detector from 0.4m and closer. Position Down – OFF - protection against masking the detector from 0.8m and closer.

Switch 3: PULSE count function for PIR sensitivity. Position Down – OFF – High sensitivity For stable environments. Position Up – ON – Low sensitivity For harsh environments.

Switch 4: PET Immune function. Position Up – ON - Immunity up to 15 kg Position Down - OFF - Immunity up to 25 kg

> YOU MUST RESET THE DETECTOR BY DISCONNECTING THE POWER SUPPLY AND RECONNECTING IT AFTER A FEW SECONDS.

