GENERAL INFORMATION 1

About this manual 1-1

Triple technology wireless detector for outdoor use (**IN02** and **IN12**) installation manual	**DESCRIPTION**
DCMIINIEA2OTT100W	**MANUAL CODE**
1.30	**VERSION**

Manufacturer's details 1-2

Manufacturer: INIM ELECTRONICS S.R.L.
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The persons authorized by the manufacturer to repair or replace the parts of this system, hold authorization to work on INIM Electronics brand devices only.

Description of the product 1-3

- Wireless detector for outdoor use
- Air2 two-way wireless intrusion protection system (868MHz frequency)
- Dual PIR infrared sensors, low consumption and UV filter
- UV resistant Fresnel lens
- Low consumption, power supply range 3 to 9V⎓
- "Test" function to signalling each alarm by LED blinking; auto power off after 4 minutes
- Tamper and dislodgement system
- Inhibition LED and transmitting function for battery life saving (always on)
- Two PIRs and one microwave (MW) programmable sensors
- AND/OR selectable function
- Mechanism for horizontal coverage adjustment
- Precision adjustment of lower beam (patented)
- Stainless steel pole brackets (not supplied)
- UV resistant polycarbonate casing

Table 1: Air2-OTT100W technical features

Power-supply	from 3 to 9V⎓
Stand-by current	22µA
Maximum current	25mA
Microwave frequency	10,525GHz
Maximum RF output power	<20 mW e.i.r.p. (13 dBm)
Detection range	from 3 to 12m
Horizontal coverage angle	60°
Horizontal coverage adjustment	+/- 45°
IP protection degree	IP44
Working temperature	from -20° to 55°C
Dimensions	189x81x95 mm
Weight (only detector)	450g
Battery	Lithium CR17450 3V (2)
Battery life	4 years

Note

The manufacturer cannot guarantee the declared battery life.

The Air2-OTT100W detector communicates with INIM intrusion control panel via the Air2 two-way wireless intrusion protection system.

Table 4: Technical specifications of Air2 system

Operating frequency	**range**	868.0 - 868.6MHz
	selectable channels	868.1, 868.3, 868.5MHz
Maximum RF output power		25mW e.r.p.
Communication type		Two-way
Modulation		GFSK
Device supervision		From 12 to 250 minutes

Package contents 1-4

Inside the package you will find:

- Air2-OTT100W detector
- Hermetic casing base
- Installing manual (this)
- Plastic bag containing:
  - 6 stainless steel metric screw M3 x 20
  - 4 anchor screws and plugs for wall mounting
  - "O ring" gasket

Items not included in the package (accessory items to be purchased separately):

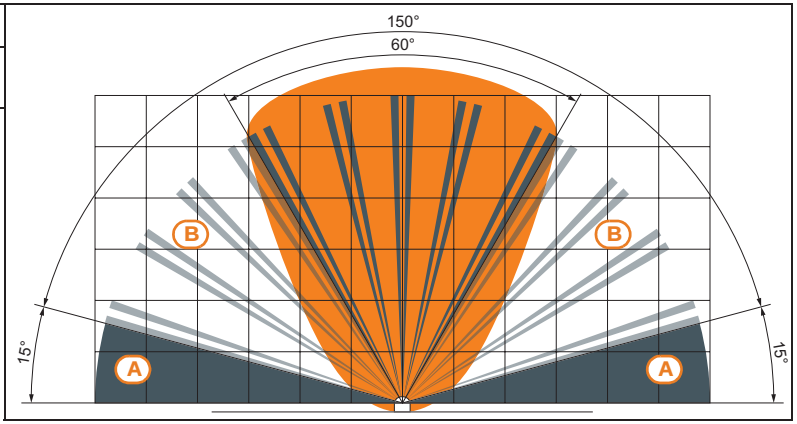
- "U" shaped brackets
- "L" shaped brackets

FUNCTIONING 2

Detection range 2-1

Table 5: Top view

A	Zones that can not be covered
B	Zones that can be covered by electronic holder rotation



ADJUSTMENT

Use the trimmer "MW" (*table 3, T*) to adjust the microwave sensitivity (the sensitivity is increased turning it clockwise).

By using the knob (*table 2, F*) it is possible to move the PIR2 (lower) in order to obtain different ranges from 3m to 12m.