

GAPID

SENSOR

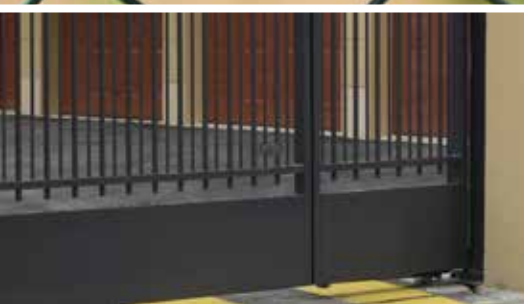


**FENCE/GATE
SHOCK DETECTION SYSTEM
ANTI CLIMBING/CUTTING**



**“Wireless”
Battery operated
Low power consumption**

 **POLITEC**



GAPID is a MEMS sensor, which provides accurate detection of a fence intrusion by measuring acceleration, tilt, shock and vibration. Each unit has 6 pre-set functions and 3 functions of self-learning, anti-tamper removal cover, shockproof case, IP66, battery operated or supplied 8 - 30VDC, GAPID represents the latest evolution and innovation in field of perimeter protection.

Stand alone sensor
Effective perimeter protection for fences + gates

APPLICATION

GAPID is a sensor suitable for the protection of:

- Garden netting and fences
- Grids
- Gates
- Railings
- Walls
- Windows
- Garages

OPERATION

Operating range up to 15 sq.m.

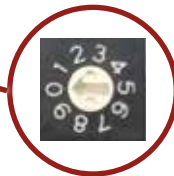
Easy set-up

Buzzer and LEDs for adjustment and calibration

Alarm and relay output (free contact)



Basic functions switch



For application on

1 Light Metallic Grid

2 Rigid Grid\Thick

3 Garden Netting Not Welded

4 Welded Garden Netting

5 Wall\Railings – Anti Breakthroughs

6 Windows

SELF-LEARNING

7 Self-learning for Alarm

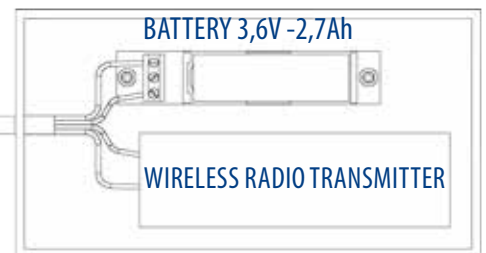
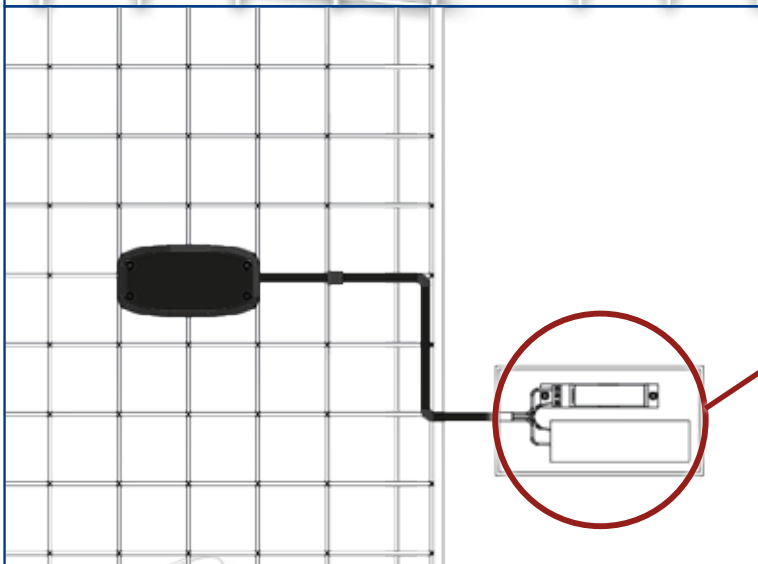
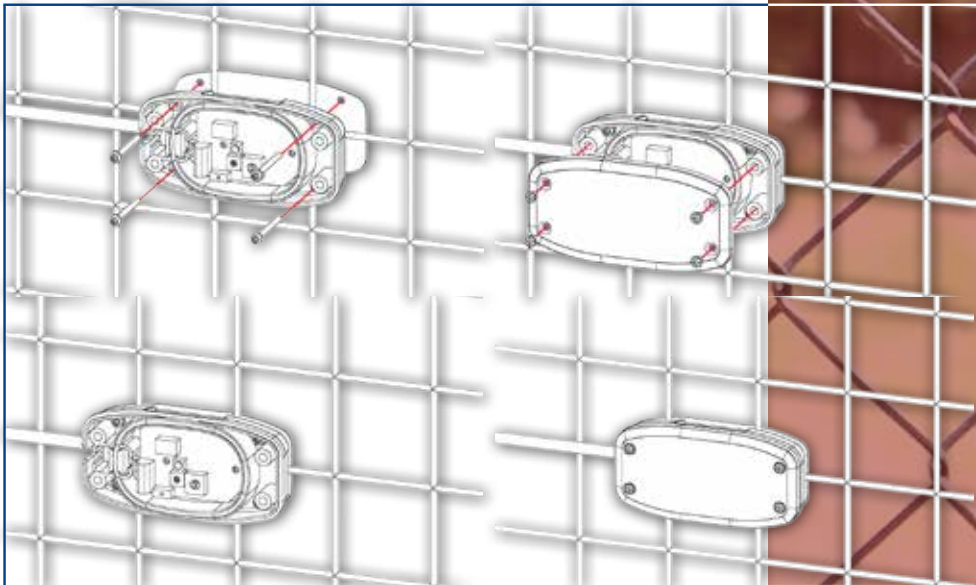
8 Self-learning for Disqualification

9 Self-learning for Spontaneous Vibration

RESET

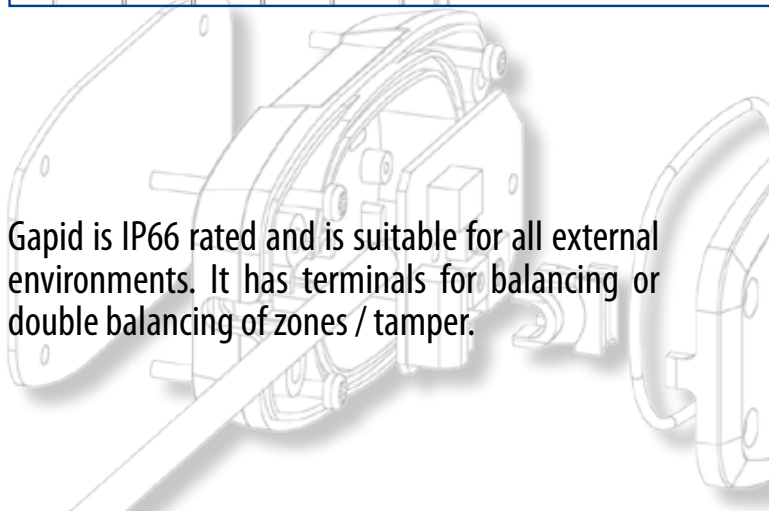
0 Reset

Gapid consists of a solid steel rear plate and a durable polycarbonate body, all provided with screws. The connecting cable (2m, 4m or 6m) is shielded and UV resistant. Gapid is equipped with tamper and a trimmer for sensitivity adjustment.



JUNCTION BOX

Gapid is IP66 rated and is suitable for all external environments. It has terminals for balancing or double balancing of zones / tamper.



TECHNICAL FEATURES

• SENSOR •

| | |
|--|--|
| MAX COVERAGE AREA | <i>3 x 5 m (max dimension of panel with sensor placed in the middle)</i> |
| SETTING AND SENSOR PROGRAMMING: ON BOARD | ON BOARD |
| 3 SELF-LEARNING FUNCTIONS | |
| 6 STANDARD OPERATING FUNCTIONS | |
| AUTOSAVE OF PROGRAM SETUP | |

• POWER SUPPLY •

| | |
|-------------------|---|
| POWER SUPPLY | <i>3,6 V or 8-30 VDC</i> |
| BATTERY LIFE | <i>3 years with battery 3,6V 2,7Ah (optional)</i> |
| POWER CONSUMPTION | <i>0,05 mA at rest / 0,8 mA on alarm</i> |

• OUTPUTS •

| | |
|-------------|-------------------------|
| LOW BATTERY | Negative open collector |
| ALARM | NC |
| TAMPER | NC |

• MECHANICAL FEATURES •

| | |
|------------------------|--|
| DIMENSIONS (L x H x D) | <i>102x52x19mm</i> |
| OPERATION TEMPERATURE | <i>-40° / +80°</i> |
| CASE MATERIAL | <i>Black polycarbonate anti-scratching, UV resistant</i> |
| WEATHER RATING | <i>IP66</i> |

• CABLE FEATURES •

| | |
|--------------------|---|
| 3 LEGHTS AVAILABLE | <i>2m - 4m - 6m</i> |
| CABLE TYPE | <i>Screened cable, anti-gnawing and suitable for outdoor use, 6mm diameter.</i> |

• MOUNTING KIT AND WARRANTY •

MOUNTING KIT INCLUDED WITH SCREWS AND METALLIC PLATE.

WARRANTY 2 YEARS



Via Adda 66/68 - 20882 BELLUSCO (MB) - Italy
Tel. +39.039.6883019 - Fax +39.039.6200471
www.politecsrl.it - info@politecsrl.it