

# PATROL<sup>®</sup> 108PET

WEATHERPROOF CURTAIN PIR & MW  
DETECTOR FOR INDOOR/OUTDOOR USE

- ★ PATROL-108 PET Combined PIR & MW detector designed for use in indoor or outdoor areas and in low-temperature environments up to - 40°C
- ★ PATROL-108 PET creates a narrow protective curtain allowing free movement outside of the protected area without triggering the alarm
- ★ PATROL-108 PET with anti-mask technology, detect all types of masking attempts
- ★ PATROL-108 PET provides protection of the detector from direct sunlight due to the existence of a light protection filter
- ★ PATROL-108 PET provides additional protection from sunlight, snow, rain, due to the existence of a protective cover
- ★ PATROL-108 PET provides pet immune up to 30kg
- ★ PATROL-108 PET miniature detector with dimensions: 30mm×25mm×111mm



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## FEATURES

### • DUAL PIR & MICROWAVE TECHNOLOGY

The use of dual technology provides stable detection excluding false alarms and costly service calls. The PIR detects intruder movements within the protected area. The microwave sensor, using a Doppler effect, emits a signal and monitors the return signal for any "new" object in the field-of-view.

### • IMMUNE TO PETS UP TO 30KG

Provides pet immune detection up to 30kg.

### • ANTI-MASK PROTECTION

The anti-mask system detects any attempts to disable the work of PATROL-108 PET by masking it with a material that blocks infrared energy and sends a masking signal to the control panel.

### • ANTI-SUN PROTECTION

PATROL-108 PET includes a light protection filter and a protective cover for blocking out white light that allows only IR energy to reach the pyroelectric sensor, eliminating false alarms from visible light disturbances.

### • PROTECTION AGAINST SNOW AND RAIN

PATROL-108 PET provides additional protection from snow, rain due to the existence of a protective cover.

### • LOW-TEMPERATURE ENVIRONMENTS

PATROL-108 PET designed for use in outdoor low-temperature areas up to - 40°C.

### • AUTOMATIC HEATING OF PYROELECTRIC SENSOR

PATROL-108 PET is equipped with a built-in heater of pyroelectric sensor for use in low temperature.

### • DOPPLER PULSE-COUNT SELECTION (1-5)

Selectable pulse count 1, 2, 3, 4 or 5 provides users with the option of optimizing detector sensitivity to suit the environment, thus retaining reliable performance at all times.

### • INDIVIDUAL PIR & MW SENSITIVITY ADJUSTMENT

Two separate sensitivity potentiometers allow the PIR, MW sensitivity to be adjusted to specific environments.

### • AUTOMATIC TEMPERATURE COMPENSATION

The temperature compensator automatically ensures optimum performance in changing of environmental conditions.

### • DOUBLE RFI/EMI PROTECTION

Reliable protection from RFI and EMI interference

### • WEATHERPROOF HOUSING

PATROL-108 PET is housed in an impact resistant case made of an ASA plastic compound with a long-life guarantee against yellowing and aging. PATROL-108 PET is hermetically sealed, dust-tight and water jet protected.

**GSN** Electronic Company Ltd.

[www.gsncompany.com](http://www.gsncompany.com)

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