

## TECHNICAL CERTIFICATION

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# Forteza FMW detectors in garden lamps

## Forteza Fonar

### WHAT IS IT?

Forteza Fonar is a microwave detector designed to fit in garden lamps.

### WHERE IS IT USE?

The Fonar detector is intended for the territory protection: administrative buildings, private areas, private homes, residential neighborhoods and other places where there are increasing requirements for security detectors or masking where appearance is an important area.

### HOW DOES IT WORKS?

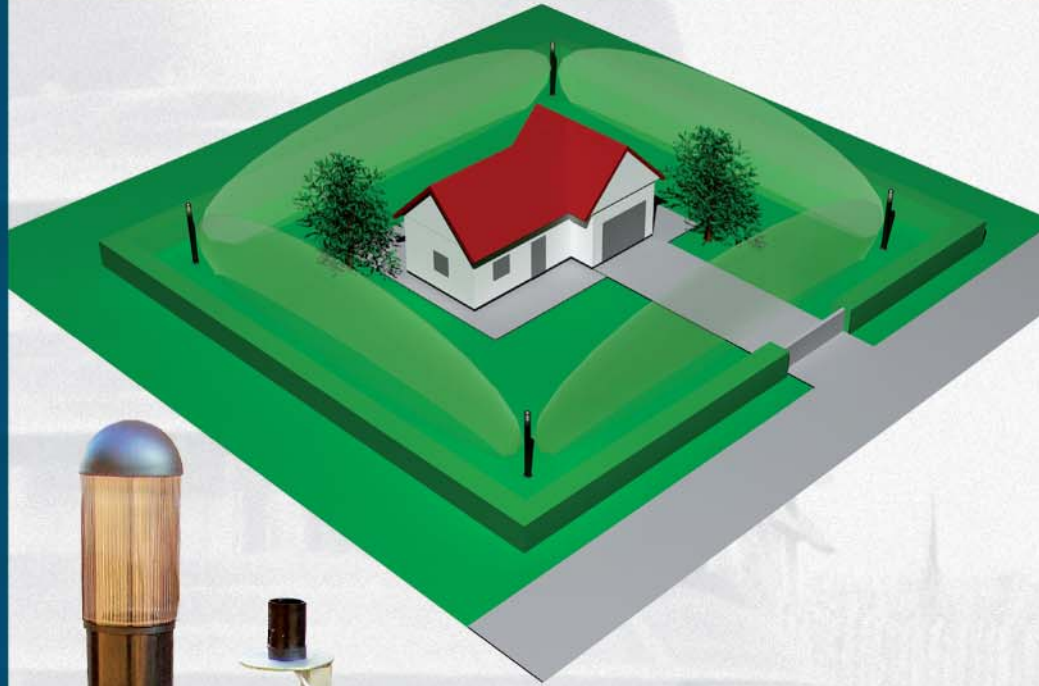
Principle of the detector operation is to generate an electromagnetic field in the space between transmitter and receiver. Alarm signal is generated when intruder enters the guarded zone.

### MAIN FEATURES:

- The detector does not differ from the lamp. It is impossible to define that it is used as an intrusion detector.
- Alarms are generated using "dry" contacts of the relay or over RS-485.
- Light is switched on/off with a built-in automatic module reacting to the change of day light; at the same time power supply of the detector is not switched off.
- Optional equipment is not required to adjust the detector because adjustment is carried out using built-in indicators.

### POSSIBLE COMBINATIONS:

- transmitter;
- receiver;
- receiver + receiver;
- transmitter + transmitter;



### MAIN TECHNICAL CHARACTERISTICS:

Zone length	10 - 75 m
Zone width	<3 m
Zone height	1,6 m
Frequency	9,4 GHz
Certificates	CE, GOST
Power source	10 - 30 V (DC)
Current	35 mA (Tx-Rx)
Power source	220 V AC
Temperature	-40 °C ... +65 °C
Alarm, tamper output	Dry relay contact (100 ohm), RS485 (with adapter)
Compatibility	Any alarm control panel
IP class	IP55
Alignment tool	Voltmeter

