

## TECHNICAL CHARACTERISTICS

are available at our website  
[www.forteza.com](http://www.forteza.com)

# Microwave barrier

## Forteza FMW

Frequency 9.4 Ghz

### WHAT IS IT?

Perimeter security systems used to guard the surrounding territory of the object. An intruder will be detected before the entering in to the important object surrounding territory. Security officer will arrive before the intruder commits a crime.

### WHERE IS IT USED?

System can be used to guard factories, warehouses, airports, car parks, building lots and private territories.

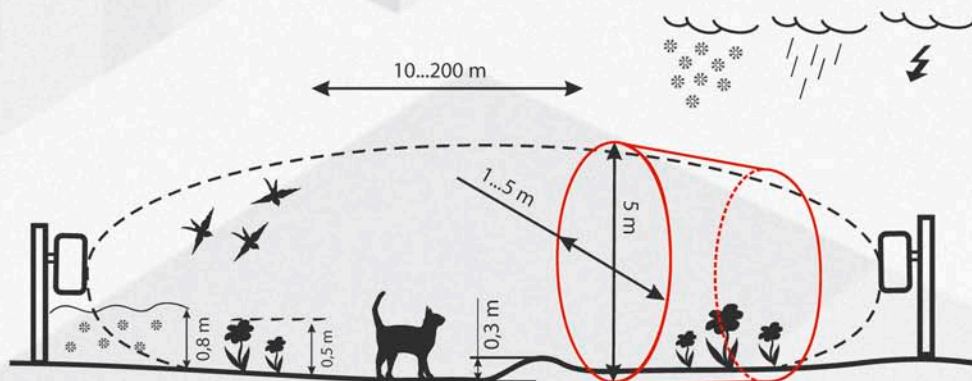
### HOW DOES IT WORKS?

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.

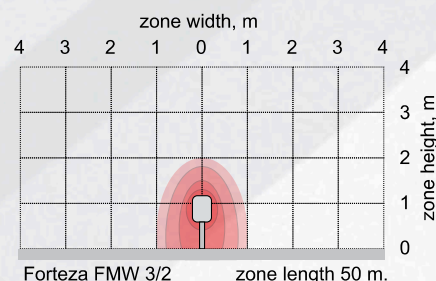
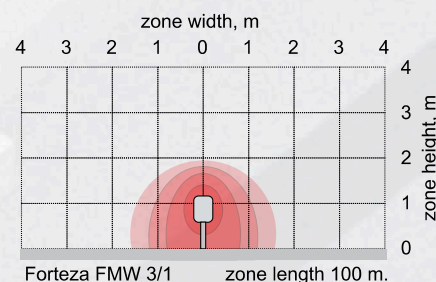
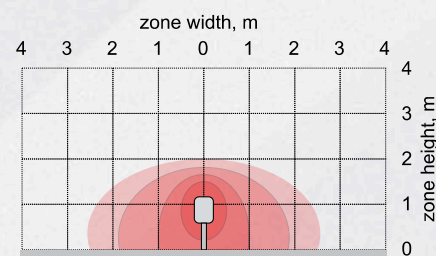


### NO FALSE ALARM ON:

- rain;
- snow;
- fog;
- lightning;
- small animals;
- vegetation.



### DETECTION ZONE WIDTH CHARACTERISTICS

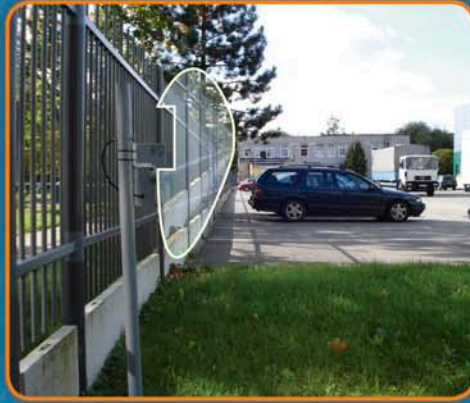


### MAIN TECHNICAL CHARACTERISTICS:

Zone length	50, 100, 200, 300 m
Zone width	~2...5 m
Zone height	~2 m
Frequency	9,4 GHz
Certificates	CE, GOST
Power source	10...30 V DC
Current	45 mA (Tx+Rx)
Operating temperature	-50...+60 C
Alarm, tamper output	Dry relay contact (100 ohm), RS485 (with adapter)
Compatibility	Any alarm control panel
IP class	IP55
Alignment tool	Voltmeter
Dimensions FMW 3 (300, 200 m)	Tx - 205 x 205 x 80, Rx - 205 x 205 x 80 mm
Dimensions FMW 3/1 (100 m)	Tx - 205 x 130 x 70, Rx - 205 x 205 x 80 mm
Dimensions FMW 3/2 (50 m)	Tx - 110 x 95 x 75, Rx - 205 x 130 x 70 mm
Mounting	Standard pole/wall fixing bracket included. Individual bracket design possible.

# Microwave barrier FMW installation examples

Typical installation of **Forteza FMW** detectors.



Microwave barrier with narrow detection zone can be used when customer want to have as much utilizable space as possible.

