

TECHNICAL CERTIFICATION

is available on our website

www.forteza.com

Microwave Monostatic Detectors Forteza FM 30 (24), FM 60 (24)

NEW DETECTOR!

Narrow detection zone! 2 years warranty

WHAT IS IT?

One position Forteza FM 30 (24) / FM 60 (24) microwave detectors are intended to protect the perimeters of various objects. The alarm is activated when the relay circuit is terminated and the offender enters the perimeter of the protected area. The warning signal is sent via the security system software to the department or to the owner. Security guards arrived immediately before the offender has caused any loss.

WHERE IS IT USED?

Forteza 30 (24) / FM 60 (24) one position detectors can be used for the protection of land parcels, open and closed sites, warehouses, tunnels, gates, pipes, roofs.

HOW IT WORKS?

Forteza 30 (24) / FM 60 (24) detector creates a spatial electromagnetic field. When the offender enters the protected perimeter segment, the detector records the electromagnetic field changes and sends an alarm signal.

WHY TO CHOOSE IT?

1. This is a new type of detectors. Smart detectors have advanced functional and performance characteristics, so that they process a signal quicker.
2. Signal processing and distribution of detection zones in 12 smaller areas makes it possible to precisely define the boundaries of coverage area and increase resistance to disturbances, such as human and vehicle movements outside the detection zone.
3. The option of disabling one or more smaller areas is convenient when organising the entrance to the protected area, for example, when people pass through the control point or traffic goes through the gate.
4. Distribution of the coverage area to 12 smaller zones has increased resistance to disturbance (no birds or small animals are detect it), and weather interferences, in comparison with other one position detector radio wave detectors.
5. All the detector parameters can be monitored and adjusted with the computer. The detector can be connected via the USB interface.
6. The ANTIMASKING function is used to protect the detector from an intentional disconnection.



FM 60 (24)

FM 30 (24)



COLORS USED:

- RED ZONES - PROTECTED AREA
- GREEN ZONES - NOT PROTECTED AREA

MAIN TECHNICAL SPECIFICATIONS:

Model	FM 60 (24)	FM 30 (24)
Operation frequency	24 GHz	24 GHz
Zone length	60 m ≤	30 m ≤
Zone width	2 m ≤	2 m ≤
Zone height	≥ 8 m	≥ 40 m
Supply voltage	12-30 VDC	12-30 VDC
Power consumption	Up to 1,5 W	Up to 1,5 W
Relay switching current	Up to 0,1 A	Up to 0,1 A
Relay switching voltage	Up to 50 V	Up to 50 V
Operating temperature	-40° C + 80° C	-40° C + 80° C
Detector dimensions	210x135x55 mm	141x123x67 mm