

BARRIER-M50, BARRIER-M100, BARRIER-M200 BARRIER-M300, BARRIER-M500



Frequency of 24,15 GHz enables:

- to use it as the most permitted frequency;
- a narrow detection zone thus extending applications of sensors;
- to minimize different interferences.

The sensors are configurable with a special program (running on Windows or Android) via USB or Bluetooth allowing to set an optimal operation mode including remote configuration via RS-485.

Eight frequency letters eliminate interferences of adjacent sensors and extend their applications in a limited space. A frequency letter is chosen using the configuration program.

Information about an unauthorized access to the USB-slot (located under the cover of Tx and Rx) is transmitted simultaneously via NC and RS-485.

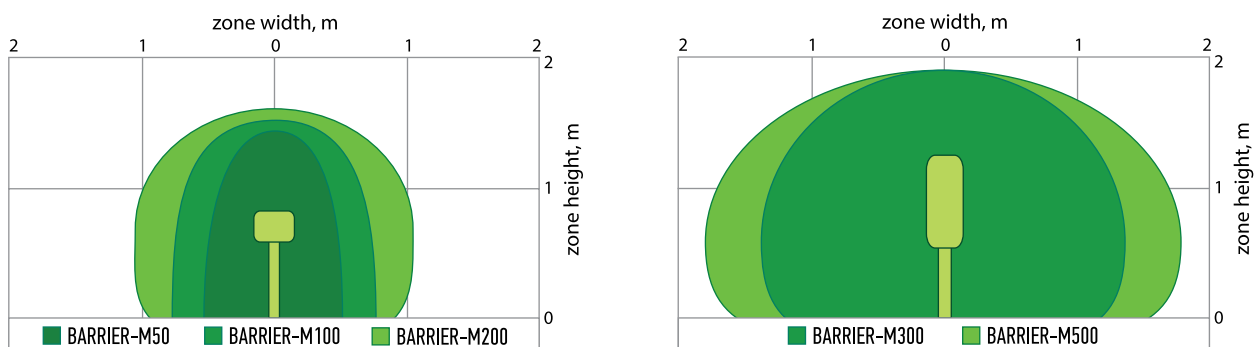
New and more convenient bracket for alignment.

| Specifications | BARRIER-M50 | BARRIER-M100 | BARRIER-M200 | BARRIER-M300 | BARRIER-M500 |
|------------------------------|---|--------------|--------------|----------------|--------------|
| Operational frequency | 24,15 GHz | | | | |
| Range | 5 ÷ 50 m | 10 ÷ 100 m | 10 ÷ 200 m | 10 ÷ 300 m | 10 ÷ 500 m |
| Width of the detection zone | 1,0 m | 1,5 m | 2,1 m | 2,7 m | 3,5 m |
| Height of the detection zone | 1,3 m | 1,5 m | 1,6 m | 1,8 m | 1,8 m |
| Supply voltage | 9...30 V | | | | |
| Current consumption | 0,045 A | | | | |
| Detection probability | minimum 0,98 | | | | |
| Operational temperature | -50...+80 °C | | | | |
| Interfaces | relay contacts, RS-485, USB, upon request Bluetooth or Ethernet | | | | |
| Dimensions | 195,5x154,5x100 mm | | | 395x182x100 mm | |
| Weight | 1,4 kg | | | 2,9 kg | |

Modifications:

«Bluetooth» - wireless configuration via Bluetooth.

«Ethernet» - capability of connection via Ethernet.



BARRIER-M detection zones