

**ZEBRA-30, ZEBRA-60 (volume, curtain, fan)**  
**ZEBRA-30(24) (volume, curtain), ZEBRA-42(24), ZEBRA-60(24), ZEBRA-84(24)**

It is the latest development of the factory. Thanks to the patented algorithm of signal processing the sensors are leaders in interference immunity and functionality among monostatic sensors.

The principle of operation of the sensor is based on the method of the linear frequency modulation. The sensors ZEBRA have more clear limits of the detection zone if compared with usual doppler sensors.

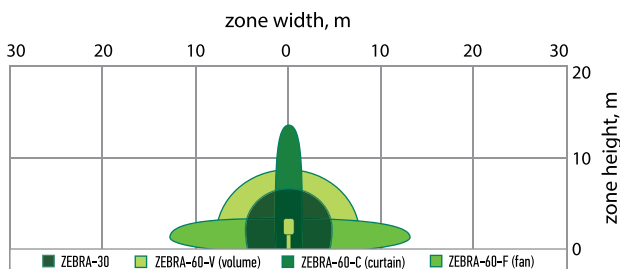
The sensors ZEBRA have 5 frequency letters. Like this we avoid mutual interference from adjacent sensors. Like this we can use sensors near each other, for example, in hangars, warehouses, etc.



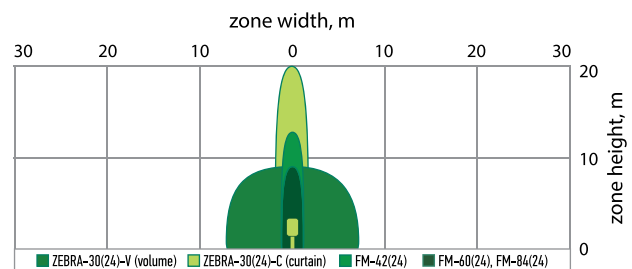
The model with configuration via Bluetooth wireless interface for Android is available at the order.

Specifications	ZEBRA-30	ZEBRA-60-V (volume)	ZEBRA-60-C (curtain)	ZEBRA-60-F (fan)
Operational frequency	9,375 GHz			
Range	30 m	60 m	60 m	60 m
Width of the detection zone	8 m	15 m	4 m	25 m
Height of the detection zone (in free space)	8 m	15 m	25 m	4 m
Number of letters	5			
Supply voltage	10...30 V			
Current consumption	0,04 A at 24 V			
Detection probability	minimum 0,98			
Operational temperature	-50...+80 °C			
Housing protection level	IP-55			
Alarm output	relay contacts			
Interfaces	RS-485, USB, upon request Bluetooth or Ethernet			
Dimensions	141x123x71 mm		211x134x78 mm	
Weight	1,0 kg		1,5 kg	

Specifications	ZEBRA-30(24)-V (volume)	ZEBRA-30(24)-C (curtain)	ZEBRA-42(24)	ZEBRA-60(24)	ZEBRA-84(24)
Operational frequency	24,15 GHz				
Range	30 m	30 m	42 m	60 m	84 m
Width of the detection zone	12 m	2 m	1 m	1 m	1 m
Height of the detection zone (in free space)	8 m	40 m	25 m	1 m	8 m
Number of letters	5				
Supply voltage	10...30 V				
Current consumption	0,06 A at 24 V				
Detection probability	minimum 0,98				
Operational temperature	-40...+80 °C				
Housing protection level	IP-55				
Alarm output	relay contacts				
Interfaces	RS-485, USB, upon request Bluetooth or Ethernet				
Dimensions	141x123x71 mm			211x134x78 mm	
Weight	1,0 kg			1,5 kg	



Detection zone of the sensors operating on 9,375 GHz, installation at 1 m



Detection zone of the sensors operating on 24,15 GHz, installation at 1 m