

AirWD-100 | Magnetic detector (indoor)



Technical parameters	AirWD-100S	AirWD-100L	AirWD-100NB
Power supply			
Battery power:	1x CR123A battery		
Battery life:	approx. 2 years (depending on frequency of use)		
Setting			
Alarm Detection:	message to the server		
Battery status view:	message to the server		
Detection			
Closed:	< 1.5 cm		
Open:	> 2 cm		
Reliability:	99.9 %		
Indication			
- red LED:	broadcast		
Sensor:	magnetic / tongue relay		
Communication			
Protocol:	Sigfox	LoRa	NB-IoT
Transmitter frequency:	RCZ1 868 MHz	868 MHz	LTE Cat NB*
Range in open space:	Approx. 50 km**	Approx. 10 km**	Approx. 30 km**
Transmission power (max.):	25 mW / 14 dBm	25 mW / 14 dBm	200 mW / 23 dBm
Other parameters			
Working temperature:	0...+50°C (Pay attention to the operating temperature of batteries)		
Storage temperature:	-30...+70°C		
Operation position:	vertical		
Mounting:	glue / screws		
Protection degree:	IP40		
Color:	white		
Detector			
Dimension / Weight:	31.5 x 75 x 30 mm / 23 g (without battery)		
Magnet D/WD***			
Dimension / Weight:			

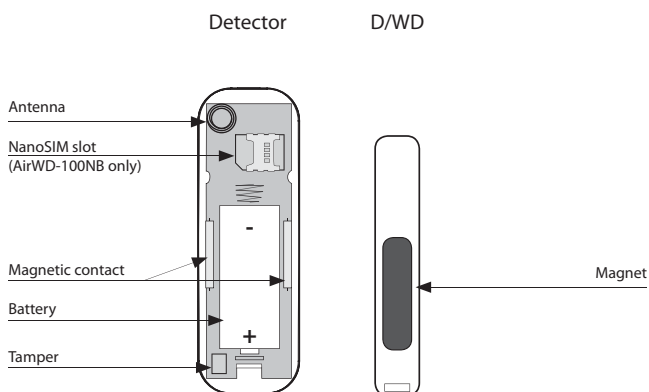
* Multiple frequency bands of B1 / B3 / B5 / B8 / B20 / B28

** Depending on network coverage

*** Included in the package

- The magnetic detector is used to detect motion – it is activated by attaching / removing the magnet from the sensor.
- The Sigfox, LoRa or NB-IoT network can be used for message transmission.
- Anti-sabotage function (tamper): When unauthorized interference with the detector occurs (disassembly) it sends an information message to the server.
- Data is sent to the server from which it can be subsequently displayed as a smartphone, application, or Cloud notification.
- Battery status information is sent as a message to the server.
- Power supply: 1x CR123A battery life approx. 2 years (depending on frequency of use).

Device description



Function

Activation occurs when the magnet is attaching / removed from the sensor. The detector sends a data message every 12 hours. In case of a state change, it sends the data message immediately.