



Myers MSS-AB1-ZB is a Zigbee-enabled smart sensor utilizing the IEEE 802.15.4 standard operating at 2.4 GHz frequency. The device features a 450 mAh LiPo 3.7V battery with low battery voltage threshold at 2.5V, idle current of 5 mA, and continuous current of 25 mA. Transmission distance reaches 50 meters with 15 transmission power. The sensor is housed in a plastic enclosure with dimensions of 52 mm diameter by 17 mm height and weighs 25 grams. It operates within temperatures of 0 to 40°C and humidity levels of 20-95% RH non-condensing. The device integrates with the Partizan mobile application.

Product details	
Model	MSS-AB1-ZB
SKU	7945
Software	
Mobile app	Partizan
Sensors (important note)	This device uses Zigbee technology and must be paired with the Myers Zigbee HUB. It does not support direct Wi-Fi or standalone app connection.
Network	
Zigbee standard	IEEE 802.15.4
Zigbee frequency	2.4 GHz
Specifications	
Transmission power	≤ 15 dBm
Transmission distance	50 m
Electrical specifications	
Idle current	≤ 5 μA
Continuous current	≤ 25 mA
Low battery voltage	≤ 2.5 V
Mechanical specifications	
Housing material	Plastic

Dimensions	Ø52 x 17 mm
Weight	25 g
Power	
Battery type	LiPo 3.7V
Battery capacity	450 mAh
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Operating temperature	0 - 40 °C
Storage temperature	-20 - 35 °C
Common	
Warranty	3 years