



Myers MSS-SD1-ZB is a Zigbee-enabled smart smoke detector operating on the IEEE 802.15.4 standard within the 2.405 GHz to 2.480 GHz frequency band. The sensor features ceiling-mount installation and provides audible alarm notification at 85 dB measured at 1 meter distance. Powered by two LR03 (AAA) batteries with a 3V DC power source, the device operates within temperature ranges of 0°C to 40°C and humidity levels of 20-95% RH non-condensing. The unit is housed in a plastic enclosure measuring 80 × 80 × 38 mm with a weight of 96 grams. Device management is available through the Partizan mobile application.

Product details	
Model	MSS-SD1-ZB
SKU	7939
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	2.405 GHz - 2.480 GHz
Specifications	
Detection type	Smoke
Detecting range	20 m²
Electrical specifications	
Idle current	≤ 10 µA
Continuous current	≤ 100 mA
Low battery voltage	≤ 2.2 V
Alarm specifications	
Alarm sound	≥ 85dB/1m

Alarm mode	Sound
Mechanical specifications	
Installation method	Ceiling
Housing material	Plastic
Dimensions	80 x 80 x 38 mm
Weight	96 g
Power	
DC power source	3 V
Battery type	LR03 (AAA) × 2
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Operating temperature	0 - 40 °C
Storage temperature	-20 - 35 °C
Common	
Warranty	3 years