



Myers MSS-AK-SD1 is a wireless smoke detector operating on 433 and 315 radio frequencies with a transmission distance of 80 meters. The sensor provides smoke detection with a detection distance of 20 meters and features dual alarm modes including sound and flash alarm, with alarm sound output rated at 80 dB at 3 meters. Powered by a single 9V 6F22 battery with idle current of 10 mA and peak current of 35 mA, the unit is designed for ceiling installation. The detector features a plastic housing with dimensions of 106.5 mm diameter by 43 mm height and weighs 134 grams. Operates in temperatures from -20°C to +40°C with humidity range of 20-95% RH non-condensing.

Product details	
Model	MSS-AK-SD1
SKU	7953
Specifications	
Radio frequency	433 MHz, 315 MHz
Detection type	Smoke
Transmission distance	80 m
Electrical specifications	
Idle current	≤ 10 μA
Peak current	≤ 35 mA
Alarm specifications	
Alarm sound	≥ 80dB/3m
Alarm mode	Sound, Flash alarm
Mechanical specifications	
Detection distance	20 m
Installation method	Ceiling
Housing material	Plastic
Dimensions	Ø106.5 x 43 mm
Weight	134 g

Power	
Battery type	9V (6F22) × 1
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Operating temperature	-20 - 40 °C
Storage temperature	-30 - 50 °C
Common	
Warranty	3 years