

# MS-WS202-868M

LoRaWAN motion detector

Up to 15Km range with direct vision

Detection distance between 6 - 8 m

Configuration via NFC and APP

Degree of Protection IP30

Long-lasting battery



Milesight

LoRaWan IoT Motion and Lighting Detector

PIR detector of up to 8m and 120° horizontal

Illumination detector to combine with scenes

4 years of battery (30 detections/day)

Frequency 868MHz

Communication range up to 15Km with direct view

Easy configuration via NFC and smartphone APP

# Specifications

Frequency Band	868 MHz
Sensitivity	-137dBm@300bps
Power Output	16dBm Max.
Protocol	OTAA/ABP Class A
Scope of communication	Up to 15Km range with direct vision
Detection distance	6 - 8 m
Detection area	120° Horizontal, 100° Vertical
Light Sensor	Bright/Dark (setting between 1-60000 lux as Bright or Dark according to the customized threshold)
Configuration	NFC via smartphone APP
Reliability	WAN failover
Power	1x Battery 1650 mAh ER14335 Li-SOCI2
Battery Life	4 years (30 detections/day)
Operating temperature	-20°C to 60°C (Relative humidity)
Grado de Protección	IP30
Dimensiones	23.8 (Fo) x 50 (Al) x 50 (An) mm
Material	Polycarbonato anti-llama
Color	Blanco
Certificados	CE, FCC, RoHS