



# SBX24AM-L

## 2-Sided Exterior Anti-Masking 24m Sensor, 12m on each side



### Range of detection 24 meter, 12 meter on each side

The SBX24AM-L is a curtain outdoor motion PIR sensor with an **anti-masking** feature and provides up to 12m detection range on each side (left and right beams). The detection distance can easily be set at 2.5m, 3.5m, 6m, 8.5m to 12m on each side, the sensitivity can be set from low to extremely high, detecting as little as 1 degree Celsius of temperature difference.

The SBX24AM-L uses a **4 PIR detection technology**, allowing the sensitivity and alarm activation to be set separately for the left and right detection areas. The sensor can differentiate between large and small objects within the detection area, reducing false alarms and ensuring genuine intruder detection.

### Key features :

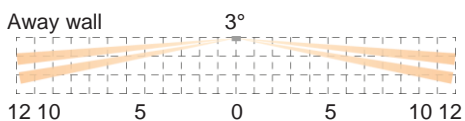
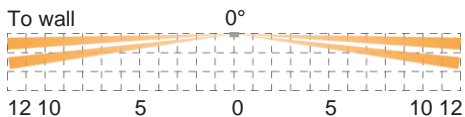
- Outdoor intrusion and detection for residential, commercial & industrial sites
- Seamless installation by Bluetooth and management from any mobile device
- Simple connection to any LoRaWAN™ network
- Works even in absence of electricity or internet
- Fully autonomous with battery life up to 5 years
- False alarm protection



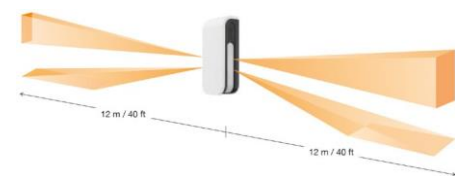
### SMDA LOGIC



### TOP VIEW



### DETECTION



### LORAWAN™ FEATURES

- LoRaWAN™ Class A compliant
- Available in 868MHz and 915MHz variants
- Operable across public or private LoRaWAN™ Networks
- Real-time presence detection notification
- Temperature and battery level info
- OTAA (Over-The-Air Activation) configuration
- Data encryption AES128

### SBX24AM-L SPECIFICATIONS

DETECTION METHOD	Passive infrared
COVERAGE	24 meter, 12m on each side, 180° narrow PIR distance settings: 2.5, 3.5, 6, 8.5, 12m
DETECTION ZONES	4 zones, 2 on each side
SENSITIVITY	2,0°C (3,6°F) at 0,6m/sec
DETECTABLE SPEED	0,3m/sec to 2 m/sec
LED INDICATOR	Red LED: warm-up - Alarm (DIP switch ON or Walk test)
TROUBLE OUTPUT	Solidstate switch, 10V DV 0.01 A max.
BATTERY	LS14500 x 3 lithium battery, 3,6 volt
BATTERY LIFE	2 to 5 years (depends on the use)
OPERATING TEMPERATURE	- 22°F to +140°F (-30°C to +60°C)
ENVIRONMENT HUMIDITY	95% max
DIMENSIONS	Height: 199,7 mm Length: 98 mm
WEIGHT	600g
CERTIFICATIONS	CE, IP55



Secure industrial sites



Guard access to parking



Monitor offices & buildings

**SECURE**

**NOTIFY**

**PROTECT**



Protect construction assets



Secure residential sites

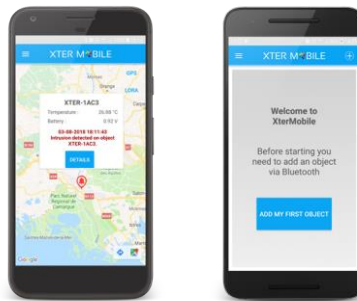


Guard sport complexes

**XTERMObILE APPLICATION AVAILABLE BY SUBSCRIPTION**

**XTERMObILE**

XterMobile is a mobile application which allows you to manage all connected devices across the network and the Xter-Works cloud service. The app provides real-time notifications, logs, reports and follow up of all events and allows easy connection and installation of all devices by bluetooth (even without internet access).



Available on Android and iOS

**APP KEY FEATURES**

- Real-time and scheduled alerts
- Device monitoring & control
- Logical links between devices
- Geolocation by LoRaWAN™
- Battery level and temperature info
- Device location by mobile GPS
- Live event history reporting
- Manage multi-device groups
- Pro user account allows advanced device configuration

**FROM DETECTION TO NOTIFICATION**



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