

▣▣ Chubb Microwave Movement Detector

Intruder Alarms | CCTV | Access Control | Integrated Systems
Control Systems | Contacts | **Detectors** | Sounders | Alarm Confirmation | Monitoring/Keyholding | Service

▣▣ Product

The Chubb Microwave Movement Detector – High performance adjustable motion detection



▣▣ Benefits

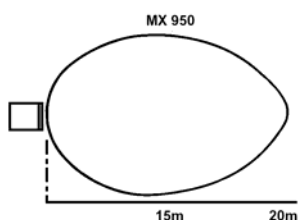
- High performance intelligent detector with excellent performance characteristics
- Efficient use of microwave energy to detect air changes caused by moving objects which is highly resistant to interference
- Broad movement detection range reaching up to 20 metres to suit most commercial applications
- Fitted with anti-tamper protection for increased reliability
- Multiple Interference Rejection (MIR) enables up to 8 detectors to be installed in close proximity to increase coverage without interference from other detectors or from outside sources such as mobile radio transmissions
- Walk test indicator is provided to enable regular checking of performance, range and coverage
- Adjustable mounting bracket ensures protection is directed where it is required
- Attractive durable enclosure

Chubb Microwave Movement Detector

Technical Data

Features

Range	20 metre (Volumetric)
Alarm Output	Normally closed relay. Rated at 24V dc 50mA with a 10 Ohm series resistor
Alarm Period	3 Seconds
Tamper Output	Normally closed relay. Rated at 24V dc 50mA
Auxiliary Output	Transistor (open collector on MX, MIR or anti-mask fault)
Coverage	+5° to -15° vertically +/- 90° horizontally
Walk Test Indication	LED
Test line	Positive to enable
Microwave Range	50% to 100% of range
Microwave Frequency	24.2 GHz
Microwave Power	32nW/cm ² at 1 metre
Multiple Interference Rejection (MIR)	Yes
Maximum number of multiple detectors	8



Typical Coverage

Power

Voltage	8.5V – 16Vdc
Current	25mA at 12V
Max ripple	2V pk to pk at 12V

Physical

Dimensions (H x W x D)	190 x 110 x 95mm
Weight	775g
Material	ABS high impact white plastic

Environmental

Temperature Range	-10°C to +55°C
Humidity Range	10% to 90% non condensing

Chubb is one of the UK's largest providers of security and fire detection services and operates through a national network of branches. Each local branch team possess the best combination of skills and expertise together with a knowledge of your area. All backed up by an internationally recognized leading brand.

This document is one of a wide range of data sheets designed to provide technical details on Chubb Electronic Security's products and services.

If you require any supplementary information, please contact your local Chubb representative. Alternatively for general sales enquiries, you can call our freephone.

The Chubb policy is one of continuous development and consequently the information contained in this publication can be varied in detail.

Freephone 0800 282 494

Calls may be monitored for security purposes