

Merlin Graffiti Detector

Product Overview

The innovative and award winning Merlin Graffiti Detector is a versatile and cost-effective solution to the problem of graffiti. Advanced heuristics and algorithms allow the Merlin to identify the sound signature of aerosol-spray paint typically within 5-8 seconds. The technology is reliable, accurate and proven through extensive testing.

The Merlin can be connected to a local siren that will sound and deter the perpetrator in the act of spraying graffiti or it can be integrated with remote CCTV, security system and alarm monitoring solutions to assist in the apprehension of offenders.

When installed at the optimum height of 4.5m, the Merlin can protect an area up to 7.5m wide at a typical 1.2m spray height (see diagram over page). To maximise the level of protection even further, several units can be linked together.

The size, coverage area and cost are similar to that of standard PIR motion detectors yet the underlying technology is vastly more sophisticated. Couple this with the fact that the Merlin Graffiti Detector will deter perpetrators from returning and therefore minimise repeated paint removal bills, this makes the device a cost effective solution.

For any further information, please email us at stop-graffiti@elmdene.co.uk.

Features

- Easy to install and set up
- Compact and unobtrusive
- Reliable and accurate with high false alarm immunity
- Fast detection, typically 5 - 8 seconds
- Wide coverage with option to link devices to provide maximum protection
- Versatile
- Easy to integrate with other systems
- Tamper protection as standard
- More cost effective than repeated cleaning
- Constant monitoring



- Ideal for use in:
 - Schools and colleges
 - Transport infrastructure
 - Car parks
 - Public buildings
 - Any place where graffiti is a problem
- 1 year warranty

Approvals

CE Marked

Part Number

MGD-S

Technical Information

Supply voltage	7.5V dc - 24V dc
Contact rating	1A at 30V ac/dc
Alarm Relay x 2	NO/NC volt free contacts
Power (typical)	60mA at 12V dc
Operating temperature	-20°C to +70°C

Product Dimensions and Weight

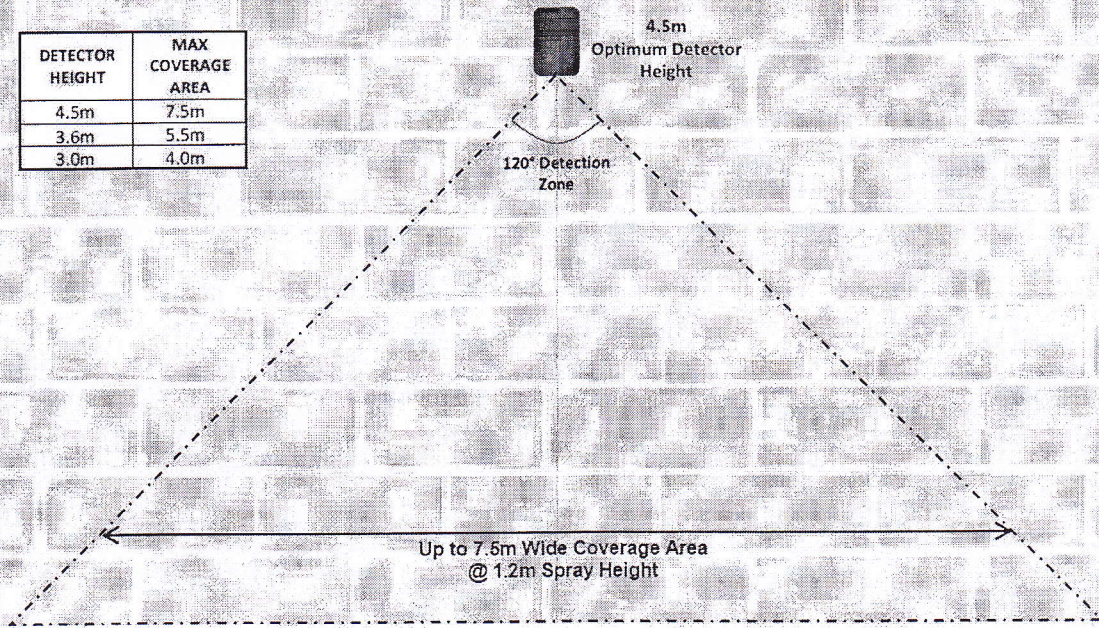
H x W x D: 127 x 75 x 50mm

Weight: 160g



Merlin Detection Area Coverage

DETECTOR HEIGHT	MAX COVERAGE AREA
4.5m	7.5m
3.6m	5.5m
3.0m	4.0m



Typical Merlin Applications

