

SHIELD 180MW

Outdoor detectors



The Shield 180MW outdoor curtain detector consists of 5 passive dual PIR sensors, 2 24 GHz microwaves and 5 active IR sensors, managed by a sophisticated algorithm. The particularly advanced electronics are designed for maximum performance in outdoor environment. Protection is curtain-like with 2 lateral (180°) beams of 5° (with maximum range 15 m per side) and one frontal beam, also of 5° (maximum range 1 m), with anti-approach function. The lower PIRs can also be oriented vertically, which allows for a detection range of 3 m to 15 m (independent for each side); the distance of the side beams from the wall is adjustable to 0° or 3°. It is equipped with 4 trimmers for independent adjustment of PIR and MW. The sensors, managed by a microcontroller, can be combined with each other according to installation requirements (triple AND, MW in AND with each PIR, AND of the PIRs with MW excluded). When set in triple AND it allows animal discrimination (Pet-Immunity) on both sides. Independent management of outputs, alarm and anti-masking, via two solid-state relays. It has a number of innovative functions such as the ECO function (makes the MW turn on only upon detection of one of the two PIRs), CWS (Cross-Walking Sensibility, which allows discrimination of a traversing directions) and clever ((PIR1|PIR2) & MW, if anti-approach is a ttive). Detector mounting can be either wall or pole mounted (height 1 to 1.2 m). C

SHIELD 180MW		
Code		998978
Length	m	3 to 15 on each side
Pyroelectric elements		2
Microwave type		K-band
microwave	GHz	24
Alarm		N.C.
Anti masking		Yes, active IR
Pet detection		Yes if configured in AND
Walk test LED		6 (1 alarm, 2 PIR on each side)
Installation height	m	1.2
Coverage angle	°	180
Resined PCB		Yes

Specifications		
Chassis		Polycarbonate
Operating temperature	°C	-25 to +60
Dimensions and packaging		
Pieces		1
EAN code		8016978108336
Multiple EAN		8016978108695
Packaging dimensions	mm	85 x 85 x 195
Product dimensions	mm	81 x 76 x 189
Packaging weight	kg	0.467
Weight	kg	470