

ELITE Motion Detector

The Elite offers a high level of adaptability. There are seven different modes of operation, giving various permutations of normally open and normally closed arrangements for the two volt-free relays, plus a selection of timing and functional options for the relay changeover contacts.

Other programmable parameters include the duration of timed changeover, a pulse count feature and a choice of detection ranges from 10 to 35 metres.

RELIABILITY

The Elite's custom designed ASIC microprocessor combined with GJD's unique optical system, filters the information received to give the required precision detection performance.

GJD combine this technology with a double silicon shielding of the pyroelectric sensor. The combination of precision electronics, digital white light filter and double shielding resists more than 50,000 lux of unwanted sunlight; therefore eliminating false alarms from visible light sources.

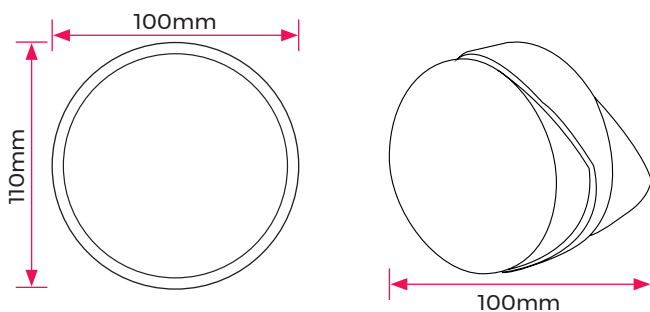


PRODUCT CODES

GJD022 ELITE - Burgundy Housing

GJD023 ELITE - White Housing

DIMENSIONS



FEATURES

Digital ASIC/
microprocessor control

Output test mode with
LED indication

Digital white light filter

Area reduction mask (if
required)

Non-volatile memory

BENEFITS

Conformally coated
electronics for increased
stability

Aesthetically pleasing
design

Programmable
detection ranges

SPECIFICATIONS

DETECTION AREA	10 to 35 metres (adjustable) up to 750 sq metres
COVERAGE	90 degree 35 metres x 30 metres max
ADJUSTMENT	180 degree pan + 90 degree tilt
FRESNEL LENS	36 zone - white light filter
CUSTOMISED OPTICS	Double silicon shielded dual element eliminates 50,000+ lux of white light
OUTPUTS	Silent solid state magnetically immune
ALARM 1	'CCTV'
	Volt free relay signal contact @ 24VAC/DC @ 50mA with an integral 30Ohm series resistor. Selectable normally open/normally closed. Adjustable timer options: 0.4 to 60 seconds
ALARM 2	'VIDEO'
	Volt free relay signal contact @ 24VAC/DC @ 50mA. Selectable normally open/normally closed with an integral 30 ohm series resistor. Adjustable timer options: 2 to 60 seconds
ALARM 3	'A'
	Open collector negative switching - 25mA max. Alarm period 400ms
ALARM 4	'S'
	Open collector negative switching - 25mA max. Alarm period: Detection + 60 seconds Adjustable: Dusk (2 lux) to 24 hour
POWER INPUT	9 to 15VDC
CURRENT	10mA (12V nominal)
PULSE COUNT	1,2,3 & 4 previous detection ≤ 6 seconds
TAMPER	Opens for 2 seconds when cover removed and / or 'A' & 'S' outputs pulse for 60 seconds (programmable)
TEMPERATURE COMPENSATION	Digital sensitivity adjustment
OPERATING TEMPERATURE	-20 to +55°C
HOUSING	High Impact ABS
PROTECTION RATING	IP55
DIMENSIONS	104 x 100 x 100mm
WEIGHT	145 grams
MOUNTING HEIGHT	Variable - optimum height 3 metres
CABLE	UP TO 200 METRES UP TO 500 METRES
	Utilising all four outputs - 8 core 7/0.2mm Utilising all four outputs - 8 core 16.0.2mm
PART NUMBER (BURGUNDY)	GJD022
PART NUMBER (WHITE)	GJD023

ELITE BLOCK DIAGRAM

