

WARRANTY

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of five years.

In the interest of continuing improvement of quality, customer care and design, Pyronix Ltd reserve the right to amend specifications without giving prior notice

INSTALLATION (GB)

1. Remove case lid by unscrewing fixing screw as illustrated in **B4** and unclip the PCB.
(Do not touch Pyro sensor Labeled **D3** on diagram)
 2. Choose wall fixing holes labeled **B1** on diagram.
 3. Mark wall for fixing positions (Do not route wires near mains cabling, avoid vibrating surfaces, and only use solid wall)
 4. Drill fixing holes.
 5. Fix case to wall.
 6. Replace PCB (Do not touch Pyro sensor Labeled **D3** on diagram)
 7. Refit lid to case and fasten as illustrated in **B4**
- N.B. When using bracket fix with 2. No.6 screws **B2**

POTENTIAL FALSE ALARM HAZARDS.

1. Direct sun light on detector may cause false alarms.
2. False Alarms may be caused by pets and animals.
3. Do not mount detectors near heaters.
4. Draughts from open windows may cause false alarms.

DIAGRAMS

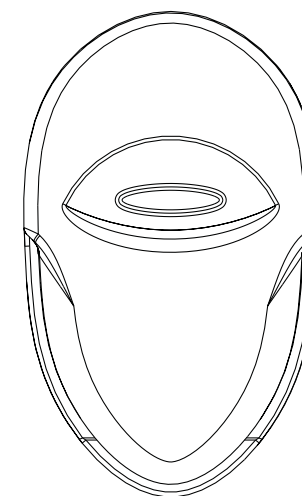
- A1** Coverage Pattern & Plan View.
A2 Mounting Height = 1.8m to 2.4m, Coverage Pattern (Side Elevation) (Height adjustment will effect PIR range)
- B1** Wall fixing Knockouts.
B2 Wall Mounting (Optional mounting with bracket)
B3 Ceiling mounting.
B4 Fixing screw fitting.
B5 Cable Entry Knockouts.
- C1** Measurements and weight (79.2g) without bracket.
D1 Pulse count 1,2,3 (Measures the number of times intruder crosses threshold)
D2 LED disabled when link pin removed.
D3 Pyro Sensor (Do not touch)
- E1** Wiring to control panel.
E2 Tamper Operation
Normal = Cover closed
Alarm = Cover open
- E3** Relay Contacts
Normal = No movement
Alarm = Intruder detected

SPECIFICATIONS (QUICK REFERENCE)

Model:	Colt Optica
Colour:	White
Casing:	3mm ABS Back cover, 3mm HDPE Front cover, 0.7mm in faceted area.
Detection method:	Low noise Dual Element Pyroelectric sensor
Sensitivity:	Analogue Pulse Count 1,2,3
Detection Range:	10m
Detection Zones:	64
Detection speed:	0.3 - 3.0 m/s
Operating Voltage:	9-16 VDC
Quiescent Current:	15 mA at 12V
Relay Output:	100v, 50mA
Mounting Height:	1.8m - 2.4m
Tamper Switch:	12V 50mA
Storage Temp:	-20°C / 60°C (-4°F / 140°F)
Operating Temp:	-10°C / 50°C (14°F / 122°F)
Accessories:	Mounting bracket included
Emissions:	EN55022 Class B
Immunity:	To new European Standard EN50130-4

Pyronix

COLT OPTICA



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PYRONIX



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This product is approved for use in the Residential, Commercial and Light Industrial Environment.