MAXIMUM Security
Alarm Systems & all types of Detectors

3D ANTI-MASK

Anti-masking Double Sensor PIR Detector

INTRODUCTION

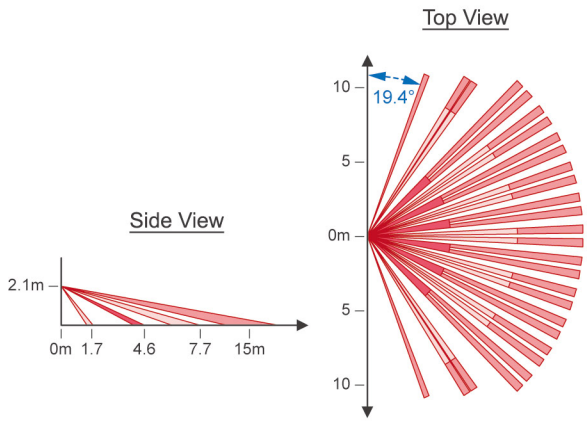
3-D ANTI-MASK consists of two synchronized sensors in order to provide higher level of movement detection plus further immunity to false alarms. By means of the two synchronized sensors it creates three-dimensional imaging of the protected area. The received analog signals from each sensor are converted to digital signals and processed by a powerful microprocessor.

3-D ANTI-MASK ensures excellent protection against an attempt to disable its operation by blocking (masking) its near field-of-view, whether the alarm system is Armed or Disarmed. The protection against masking achieved by a continuous scan of infrared beams.

DESCRIPTION

- 3D (three dimensional) thermal imaging, by synchronized double sensors.
- Masking protected, by active infrared beams.
- Selectable PIR detection sensitivity.
- Selectable Masking detection sensitivity.
- Two LED indicators:
  Red = Movement detection, Green = Masking detection.
- Wide-angle (140°) filed-of-view.
- Auto temperature compensation.
- Auto overall self-test.
- Automatic adaptation to background noise.
- Extremely reliable & highly immune to false alarms.
- A/D signal analyzer.
- Powerful microprocessor controlled.
- SPC – Smart Processing Controller.
- High level of RFI/EMI immunity.
- Wall, ceiling or corner mounting.

DETECTION PATTERNS



SPECIFICATIONS

Model	3D ANTI-MASK
Power Suppy	12V DC
Current Drain	27mA (Max)
Alarm Contacts Endurance	(N.C.) 0.1A/24V DC (Max)
Masking Contacts Endurance	(N.C.) 0.1A/24V DC (Max)
Tamper Switch Contacts	(N.C.) 0.1A/24V DC (Max)
Warm-up Time	1 Minute
Alarm Time	2 Seconds
Anti-masking Relay Activation Time	As long as Masking persists (at least 2 seconds)
Detection Speed	0.1 ~ 5 m/sec.
RFI Immunity	Greater than 30V/M, DC to 1GHz
Operating Temperature	(-)37°C ~ 70°C (-4°F ~ 158°F)
Dimension (mm)	63(W) x 95(H) x 45(D)

** All Specifications / colors are subject to change without notice. (V.01)*

CHECOL®
www.checol.com

CHECOL TECHNOLOGY LIMITED
TEL / FAX +(852) 2560 7011 / +(852) 2535 6388
EMAIL mail@checol.com
ADDRESS G/F, 57 King Yip Street, Kwun Tong, Kowloon, HK