

# Addressable Detection

*Power & Communications*

*via*

*Two-Wire Addressable*

*Multiplex Loop*

## AMB-300 Passive Infrared Motion Detector

*Multi-level signal processing  
and specially designed lenses  
deliver...  
superior intruder detection  
and reliable long-term operation  
while minimizing false alarms!*

For use with :

**MAXSYS®**

Hybrid Addressable Security System



- Multi-level PIR signal processing†
- Dual element low noise sensor
- High level static and transient protection
- Exceptional white light immunity
- Excellent RFI immunity
- Temperature compensation
- LED on/off jumper
- Tamper switch
- Vertical adjustment
- Wall, corner, or ceiling mounting
- Attractive styling for any decor

**SPECIFICATIONS**

**Operational :**

- Coverage angle (wall to wall lens) . . .90° minimum
- Vertical adjustment . . . . .+5 to -10°
- Mounting height. . . . .6' to 12' (2 to 3.5m) nominal 7.5' (2.3m)
- Walk detection speed . . . . .0.5 to 10ft/s (0.15 to 3.0m/s)
- Alarm duration . . . . .2 to 3 seconds

**Environmental/Immunity :**

- Operating temperature . . . . .32 to 122°F (0 to 50°C)
- Operating humidity . . . . .5% to 95% non-condensing
- RF immunity . . . . .50V/m from 0.01 to 1,200MHz
- Transient immunity . . . . .2.4kV @ 1.2 joules
- Static immunity . . . . .25kV
- White light immunity . . . . .20,000Lux at the detector

**Electrical :**

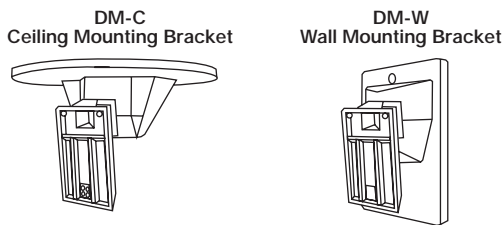
- Operating voltage . . . . .9 to 14VRMS\*
- Standby current . . . . .2.5mA
- Alarm current . . . . .2.5mA
- Test current . . . . .5.0mA

**Physical :**

- Dimensions . . . . .3.5"H x 2.5"W x 1.87"D  
(8.9 x 6.4 x 4.8 cm)
- Mounting . . . . .wall, corner, or ceiling

\* compatible with DSC AML (Addressable Multiplex Loop) voltage

**OPTIONAL ADJUSTABLE WALL & CEILING MOUNT BRACKETS**

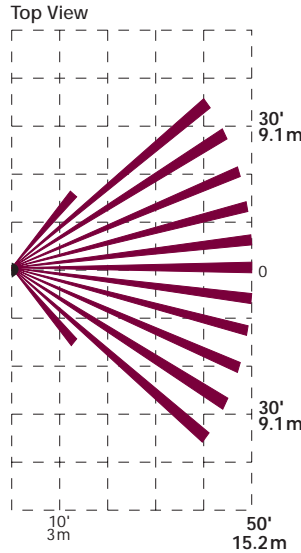


Adjustable up/down tilt and 90° rotation to obtain ideal position for optimal coverage

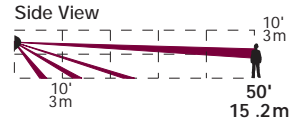
**LENS COVERAGE**

- Wall-to-Wall Lens (BV-L1) . . . . .50'L x 60'W (15.2 x 18.3m)
- Corridor Lens (BV-L2) . . . . .120'L x 10.5'W (36.6 x 3.2m)
- Curtain Lens (BV-L3) . . . . .50'L x 4.4'W (15.2 x 1.3m)
- Pet Alley Lens (BV-L4) . . . . .50'L x 60'W (15.2 x 18.3m)

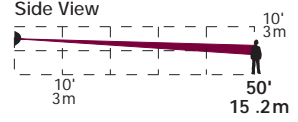
**Wall to Wall & Pet Alley Lens**



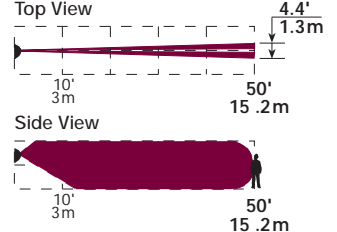
**Wall to Wall Lens**



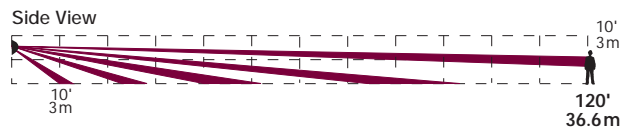
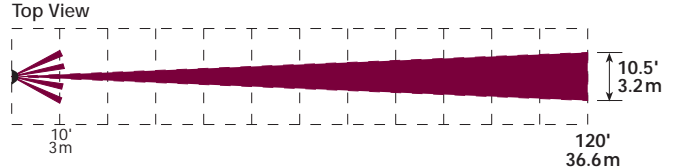
**Pet Alley Lens**



**Curtain Lens**



**Corridor Lens**



Digital Security Controls  
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