

Motion Detectors

Features Common to All Analog PIRs

- Patented Auto Pulse Signal Processing
- Automatic Temperature Compensation
- Metal shield maximizes protection from EMI and RFI signals
- Dual element sensor

Features Common to All Digital PIRs

- Patented Digital Motion Detection
- Patented Auto Pulse Signal Processing
- Digital Shield algorithm software with adjustable sensitivity
- Automatic Temperature Compensation

NVX80



NVX80 - Indoor / Outdoor Motion Detector for Harsh Environments

- 8 detection channels
 - 2x Quad PIR for short and long range detection (4 channels)
 - 1x Independent Quad PIR for Creep Zone Detection (2 channels)
 - 1 x 2-Output MW antenna (2 channels)
- Paradox Active IR anti-mask recognizes the degradation of lens clarity and objects blocking the main lens within 30 cm of the detector
- MW Anti-mask detection of close proximity movements (0.75 m - 2 m / 2.4 ft - 6.5 ft)
- Paradox's proven Pet Immunity active for false alarm rejection in the short and medium detection ranges (note: Creep Zone detection neutralized)
- Color OLED display featuring menu-driven, intuitive screens
- Comprehensive diagnostics: individual testing for PIR, MW and anti-mask technologies



DG457/457



DG457/457 - Glassbreak Detector

- Two operational modes* (addressable for the Digiplex EVO series or conventional relay operation)
 - Remote test mode* when used with Test Trek V2
 - Full audio and infrasonic spectrum analysis
 - 7 frequency digital filters, digital amplifier gain and frequency fluctuation assessment
 - Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- * DG457 only

DG55/DG65



DG55 - Dual Element Digital Motion Detector

- Dual element sensor
- 12 m x 12 m (40 ft x 40 ft); 110° viewing angle
- See Features Common to All Digital PIRs

DG65 - Quad Element Digital Motion Detector

- Digital Dual Opposed Detection
- Interlock Sensor Geometry
- Quad element sensor
- 12 m x 12 m (40 ft x 40 ft); 110° viewing angle
- See Features Common to All Digital PIRs



NV5



NV5 - High-Performance PIR

- Infrared motion detector managed by Full Authority Digital Electronics Control (FADEC)
- 10 m x 10 m (32.8 ft x 32.8 ft), 102° viewing angle
- Pet Immunity up to 16 kg (35 lb)
- Paradox's equalized detection pattern - 5 levels of sensitivity
- Super Creep Zone
- See Features Common to All Digital PIRs



DG75



DG75 - Digital Dual-Optic High-Performance PIR (40 kg / 90 lb True Pet Immunity)

- Dual optics (2 dual opposed element sensors)
- Immune to pets weighing up to 40 kg (90 lb)
- Digital Dual Opposed Detection
- 11 m x 11 m (35 ft x 35 ft); 90° viewing angle
- See Features Common to All Digital PIRs



NV780



NV780 - Digital Outdoor Dual Side-View Detector with 4x Dual Sensors

- Two double passive infrared motion detector with eight narrow detection beams, managed by Full Authority Digital Electronics Control (FADEC)
- Single or Dual Zone operation modes: two sides can report to a single zone or to two separate zones
- True Pet Immunity, up to 40 kg (90 lb)



DG85 SERIES



DG85 SERIES - Outdoor Digital Dual-Optic High-Performance PIR (40 kg / 90 lb True Pet Immunity)

Same features as the DG75 plus:

- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Multi-level sensitivity adjustment
- Two operational modes (Relay/Bus)



460



460 - Vertical View Motion Detector

- Adjustable lens position (0° or 10°)
- Selectable operational voltage (12Vdc or 24Vdc)
- See Features Common to Analog PIRs



525DM



525DM - Microwave and Infrared Digital Dynamic Proximity Motion Detector

- Digital microwave/infrared detection
- Proximity feature allows for the detection of close proximity movements (less than 0.75 m / 2.5 ft) within the detector range
- Adjustable microwave range
- Two auto pulse settings; one for typical environment (normal), and one for high false alarm rejection (high)
- Installer Test Mode: test microwave and infrared detection individually
- 12 m x 12 m (40 ft x 40 ft); 90° viewing angle



476/476PET



476 - PIR with High RFI/EMI Rejection

- 11 m x 11 m (35 ft x 35 ft); 110° viewing angle
- See Features Common to All Analog PIRs

476PET - Analog Single-Optic PIR (18 kg/40 lb Pet Immunity)

Same features as 476+ plus:

- 11 m x 11 m (35 ft x 35 ft) and up to 15 m (50 ft) for center beams with 88.5° viewing angle
- Immune to animals weighing up to 18 kg (40 lb)



DG466/DG467



DG466 - Directional Ceiling-Mounted Digital Motion Detector

- Two dual element sensors (determine if movement is incoming or outgoing)
- See Features Common to All Digital PIRs

DG467 - 360° Ceiling-Mounted Motion Detector

- Dual opposed element sensor
- 7 m x 6 m (24 ft x 20 ft) at 2.4 m (8 ft)
- 11 m x 6 m (35 ft x 20 ft) at 3.7 m (12 ft)
- 360° viewing angle
- Two operational modes (Relay/Bus)
- Features Common to All Digital PIRs

