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







PEI

NVX80 - Indoor / Outdoor Motion Detector for Harsh Environments

- 8 detection channels
- 2x Quad PIR for short and long range detection (4 channels) - 1x Independant 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

Glass Trek

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

DG75

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

(40 kg / 90 lb True Pet Immunity)

• Dual optics (2 dual opposed element sensors)

• Immune to pets weighing up to 40 kg (90 lb)

• 11 m x 11 m (35 ft x 35 ft); 90° viewing angle

See Features Common to All Digital PIRs

Digital Dual Opposed Detection

DG75 - Digital Dual-Optic High-Performance PIR

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

IMMUNITY



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)

NV780

- Paradox's equalized detection pattern 5 levels of sensitivity
- Super Creep Zone
- See Features Common to All Digital PIRs





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)

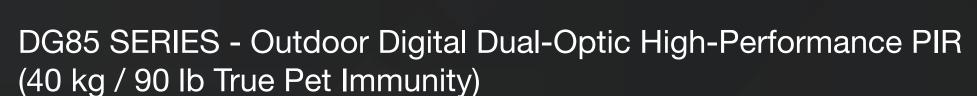
460

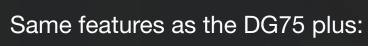


DG85 SERIES









- 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)



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

460 - Vertical View Motion Detector

Selectable operational voltage (12Vdc or 24Vdc)

Adjustable lens position (0° or 10°)

See Features Common to Analog PIRs





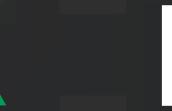
 $P \triangle R \triangle D O O R^*$

See Features Common to All Analog PIRs

- 476 PIR with High RFI/EMI Rejection
- 11 m x 11 m (35 ft x 35 ft); 110° viewing angle
- 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



PARADOME

Motion Detector

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
- 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













