

Motion Detector Modules



Features Common to all Digiplex Motion Detector Modules

- Patented Digital Motion Detection (no analog circuitry)*
 - Patented Auto Pulse Signal Processing
 - Digital Shield algorithm software
 - Automatic temperature compensation
 - Single or dual edge processing
 - Metal shield maximizes protection from EMI and RFI signals*
- *except DG467



DGP2-50: Dual Element Motion Detector Module

DGP2-60: Quad Element Motion Detector Module

- 12m x 12m (40ft x 40ft) range with 110° viewing angle
- Digital Dual Opposed Detection (DGP2-60 only)
- Interlock Sensor Geometry (ISG) (DGP2-60 only)
- See Features Common to all Digiplex Motion Detector Modules

Specifications: 30mA maximum current consumption; dual (DGP2-50) or quad (DGP2-60) element sensor; anti-tamper switch; 10V/m rejection from 10MHz to 1GHz; 0.2 to 3.5m/sec (0.6 to 11.5ft/sec) walk speed; 2m to 2.7m (7ft to 9ft) installation height



DGP2-70

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

Same features as the DGP2-50 plus:

- Dual optics (2 dual opposed element sensors)
- Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- Immune to pets weighing up to 40kg (90lb)
- Extremely reliable and false-alarm free
- 11m x 11m (35ft x 35ft) range with 90° viewing angle
- See Features Common to all Digiplex Motion Detector Modules



Specifications: 30mA maximum current consumption; anti-tamper switch; 30-60V/m rejection from 10MHz to 1GHz; 0.2 to 7m/sec (0.6 to 23ft/sec) walk speed; 2m to 2.7m (7ft to 9ft) installation height



DG85

Outdoor Digital Dual-Optic High-Performance PIR Module

Same features as the DGP2-70 plus a special weatherproof design:

- The DG85 series is available with one of three lenses: Pet Array, Horizontal Curtain Beam or Vertical Curtain Beam.
- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- UV protected lens
- Dual Optical Filtering System
- Multi-level sensitivity adjustment
- Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- See Features Common to all Digiplex Motion Detector Modules



Specifications: 30mA maximum current consumption; anti-tamper switch; 10V/m rejection from 10MHz to 1GHz; 0.2 to 3.5m/sec (0.6 to 11.5ft/sec) walk speed; 1.1m to 2.7m (3.6ft to 9ft) installation height; operating temperature -35°C to +50°C (-31°F to +122°F)