

Free To Roam

ENTRY

3P →



Digital

BRAVO 3P

PIR



Digital Bravo3P Pet-Immune PIR.



Digital Bravo3P Pet-Immune PIR

DSC's Digital Bravo3P PIR detector with pet immunity technology delivers an excellent combination of proven pet rejection and reliable human catch. It achieves this exceptional level of performance by combining technological features such as an on-board microprocessor, digital signal analysis, Multi-level Signal Processing* (MLSP), dual operating parameters and precise temperature compensation with a highly effective pet rejection lens that features Vertical Beam Shaping (VBS).**

Vertical Beam Shaping is an innovative lens design specifically developed to address the difficulty of providing effective pet rejection while at the same time offering good catch performance, especially in the area close to the PIR. When coupled with pet recognition software developed by DSC specifically for the Digital Bravo3P detector, Vertical Beam Shaping ensures more complete and uniform detection throughout the detection range.

Thanks to the combination of these technologies, the Digital Bravo3P PIR can be set to provide effective pet immunity under a variety of environmental conditions. When configured to provide high catch performance Digital Bravo3P detectors will reject a single pet weighing up to 30lbs (13.6 kg). In applications where multiple pets are involved or a higher level of pet rejection is desired, Digital Bravo3P PIRs can be set to reject single or multiple pets having a combined weight of up to 60 lbs. (27.3 kg). This means that most pets can now be allowed to move about an area protected by a Digital Bravo3P detector with a high degree of protection against the annoying false alarms attributed to pets. Best of all, this is achieved while still maintaining a broad and consistent intruder detection pattern.



Detection Accuracy

The use of digital technology enables the Digital Bravo3P PIR motion detector to provide superior analysis of the detected signal. The digital information can be more accurately analyzed with the detector's powerful microprocessor and onboard software. The microprocessor performs an array of precise mathematical and logical functions, and enables DSC's patented Multi-level Signal Processing (MLSP) technology to more effectively condition the signal for more accurate signal interpretation. In addition, because digital signals are not subject to signal degradation caused by amplification, noise, distortion or signal clipping, Digital Bravo3P PIRs provide better catch and false alarm immunity than analog detectors.

Performance

In competitive testing, the pet immunity characteristics and catch performance of the Digital Bravo3P PIR have been thoroughly tested against competitive detectors claiming similar capabilities. The Digital Bravo3P detector clearly demonstrated an overall superior combination of pet rejection and intruder detection in both the NORMAL mode (high sensitivity) and HOSTILE mode (low sensitivity). In addition it experiences the least amount of reduction in detection area when switched from NORMAL to HOSTILE mode.

High Temperature Stability

Digital Bravo3P detectors employ two distinct series of operational parameters and a precise temperature compensating algorithm to provide consistent and accurate detection over the entire operating range of 32°F (0°C) to 122°F (50°C).

When a Digital Bravo3P detector senses that the environmental temperature is within a specified range of normal human body temperature, it automatically switches to the more sensitive series of operational parameters, ensuring consistent performance. In addition, the temperature compensating circuitry continuously monitors the environmental temperature and initiates adjustments that optimize the IR signal differential between the environment and an intruder, resulting in accurate catch performance and increased false alarm immunity.

False Alarm Immunity

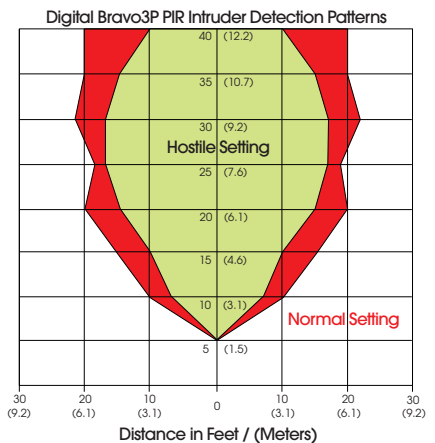
The Digital Bravo3P PIR works just as precisely to prevent false alarms as to catch intruders. With its technological features and carefully positioned transient/static suppressors, the Digital Bravo3P PIR assures outstanding protection against all false alarm sources...lightning, power surges, radio interference, car headlights, fluorescent lights, insects and dust.

Bravo – Proven Worldwide

Because of their incomparable reputation for accuracy, false alarm immunity, reliability and cost-effectiveness, the Bravo series of PIR motion detectors has rapidly become among the most widely used in the world. Bravo Series detectors have proven themselves in all types of environments – private homes, office buildings, commercial, institutional and industrial complexes – under all climatic conditions.

Models

BV-300DP	with form 'A' contact
BV-301DP	with form 'A' contact and tamper switch
BV-302DP	with form 'C' contact and tamper switch



Represented by:



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*Patented
**Patent pending