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Hardwired Solutions



Bravo® 6 Twin, Dual-Element, Pet-Immune PIR Motion Detectors

- Digital signal analysis for consistent detection throughout the coverage pattern
- Digital temperature compensation for improved catch performance at critical temperatures
- Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR energy over a broad range of temperatures
- Pet immunity up to 85 lb (39 kg)
- Optional mounting brackets available: DM-W (wall-mount bracket) or DM-C (ceiling-mount bracket)

Available in NA, LATAM, EMEA and APAC

Model	Description
BV-600	Form 'A' alarm contact
BV-601	Form 'A' alarm contact & tamper switch
BV-602	Form 'C' alarm contact & tamper switch

BV-201 Bravo® 201 PIR Motion Detectors

- The Bravo 201 motion detectors feature patented Multi-Level Signal Processing (MLSP) for accurate
- Detection of human IR energy over a broad range of temperatures
- Exceptional catch performance at elevated temperatures
- High-level static and transient protection
- Sensitivity adjustment to configure the detector for normal or hostile environments

Available in NA, LATAM, EMEA and APAC

Model	Description
BV-201	Form 'A' alarm contact
BV-L1	Wall-to-Wall-lens
BV-L2	Corridor lens
BV-L3	Curtain lens
BV-L4	Pet Alley lens



LC-100-PI / LC-120-PI PIR Detector with Pet Immunity

- Form 'A' or 'C' alarm contact and tamper switch
- Digital signal analysis
- Pet immunity up to 55 lb (25 kg)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Advanced ASIC-based electronics
- Compact design for residential installations
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Installation height is calibration free from 6 ft to 8 ft (1.8 m to 2.4m)
- Available in packages of 6 (LC-100-PI-6PK)
- LC-L1ST bracket available separately
- Corridor lens available separately

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-100-PI-6PK	Form 'A' alarm contact & tamper switch
LC-120-PI	Form 'C' alarm contact & tamper switch



Bravo® 5 360° Ceiling-Mount PIR Motion Detectors

- Temperature compensation for improved catch performance at critical temperatures
- Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR energy over a broad range of temperatures
- Sensitivity adjustment to configure the detector for normal or hostile environments
- High-level static and transient protection
- Exceptional white light immunity
- Excellent RF immunity
- Digital signal analysis for consistent detection throughout the coverage pattern

Available in NA, LATAM, EMEA and APAC

PIR only

Model	Description
BV-500	Form 'A' alarm contact
BV-501	Form 'A' alarm contact & tamper switch
BV-502	Form 'C' alarm contact & tamper switch

PIR and Glassbreak

Model	Description
BV-500GB	Form 'A' alarm contact (motion), form 'C' alarm contact (glassbreak)
BV-501GB	Form 'A' alarm contact (motion), form 'C' alarm contact (glassbreak) & tamper switch
BV-502GB	Form 'C' alarm contact (motion), form 'C' alarm contact (glassbreak) & tamper switch





LC-101 PIR Detector with Camera & Pet Immunity

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Pet immunity up to 25 kg (55 lb)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Advanced ASIC-based electronics
- Wide-range operating voltage
- High reliability, trouble-free operation
- User-friendly installation with or without swivel-mount bracket

Available in EMEA

Model	Description
LC-101-CAMCLPAL	Color PAL

LC-103-PIMSK, LC-104-PIMW & LC-124-PIMW Dual Technology Motion Detector with Pet Immunity

- Anti-masking (LC-103-PIMSK)
- Form 'A' or 'C' alarm contact and tamper switch
- Digital signal analysis
- Pet immunity up to 55 lb (25 kg)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Microwave detection based on Doppler concept
- Unique microwave motion sensor module with micro-strip patch antenna
- Advanced ASIC-based electronics Height installation calibration free 2-way PIR/microwave sensitivity adjustment
- User-friendly installation with or without swivel-mount bracket available separately: LC-L1ST

Available in NA and APAC

Model	Description
LC-103-PIMSK-W	Form 'A' 10.525 GHz alarm contact & tamper switch
LC-104-PIMW-W	Form 'A' 10.525 GHz alarm contact & tamper switch
LC-124-PIMW-W	Form 'C' 10.525 GHz alarm contact & tamper switch



LC-102-PIGBSS Glassbreak Detector with Pet Immunity

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Slim profile design
- Exceptional white light immunity
- Pet immunity up to 25 kg (55 lb)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Separate PIR and glassbreak sensitivity adjustment
- Features ABS plastic for shock and impact protection
- 2 independent relay outputs for glassbreak and PIR alarm signals
- Advanced ASIC-based electronics
- LC-L1ST bracket available separately

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-102-PIGBSS	Digital PIR and Glassbreak Detector with Pet Immunity

LC-105-DGB Glassbreak Detector

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Detects the sound of all types of breaking framed glass
- Phased frequency detector sensor
- Able to adjust sound sensors separately
- Ceiling- or wall-mount installation
- Slim profile design
- Features ABS plastic for shock and impact protection

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-105-DGB	Digital Glassbreak Detector





LC-151 Dual-Tech Outdoor Motion Sensor (Single PIR & Microwave) with Adjustable Pet Immunity

- Microwave frequency: 10.525 GHz
- Microwave detection based on Doppler concept
- N.O. & N.C. relays switched at the same time
- Installation height is calibration free from 6 ft to 8 ft (1.8 m to 2.4 m)
- Pet Immune up to 33 lb (15 kg) without pet immunity lens or up to 80 lb (36 kg) when using supplied L C-F1-15X pet immunity lens
- PIR sensitivity adjustment
- MW intensity selection
- Temperature compensation
- Microcontroller signal processing
- Front and back tamper protection
- Unique waterproof and seal plastic design
- Detection range: up to 49 ft (15 m)
- Detects human intruders walking or running
- No maintenance required
- High RFI / EMI immunity
- Protection from: direct sunlight, wind up to 30m/sec, snow and rain, small animals, removal of top cover and removal from mounting bracket
- Rain and dust proof: IP65
- LC-B1-15X wall mount bracket available separately

Available in NA, LATAM and APAC

Model	Description
LC-151	Form 'C' alarm contact and tamper switches



LC-171 Dual-Tech Outdoor Motion Sensor (Double PIR & Microwave) with Pet Immunity

- Microwave frequency: 24.125 GHz
- Microwave detection based on Doppler concept
- N.O. & N.C. Relays switched at the same time
- Pet immunity up to 77 lb (35 kg)
- 16 levels of PIR sensitivity adjustment and 3 microwave sensitivity groups
- Temperature compensation
- Microcontroller signal processing
- Front and back tamper protection
- Audible indication of walk test and intruder detection
- Unique waterproof sealed plastic design
- Detection range: up to 12m (39ft)
- Detect human intruders walking or running
- No maintenance required
- High RFI/EMI immunity
- Protection from: direct sunlight, wind up to 30 m/sec, snow and rain, small animals, removal of the top cover and removal from mounting bracket
- Rain and dust proof: IP65

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-171	Form 'C' alarm contact and tamper switches

Acuity® Glassbreak Detectors

- Omni-directional microphone
- Advanced microprocessor-based glassbreak sensor
- High-level static and transient protection
- High RF immunity with SMD construction
- White noise rejection mechanism
- Installer test mode for glassbreak sensor (AFT-100 tester required)
- Alarm memory (latching LED) for glassbreak sensor
- MOV transient/static protection
- Jumper selectable sensitivity range
- Wall-Mount or Ceiling-Mount version available

Available in NA, LATAM, EMEA and APAC

Wall-Mount

Model	Description
AC-100	Form 'A' alarm contact
AC-101	Form 'A' alarm contact & tamper switch
AC-102	Form 'C' alarm contact & tamper switch

Ceiling-Mount

Model	Description
AC-500	Form 'A' alarm contact
AC-501	Form 'A' alarm contact and tamper switch



DG-50AU Glassbreak Detector

- Clean, modern design blends with any décor
- Advanced signal discrimination for accurate identification of breaking glass
- Resistant to blinding by background noises
- Sensitivity adjustment potentiometer
- Anti-shock design prevents false alarms from mechanical shock
- MOV static/lighting protection
- SMD construction and integral ground shield for high RF immunity

Available in NA, LATAM, EMEA and APAC





AFT-100 Glassbreak Simulator

The AFT-100 glassbreak simulator provides the most reliable and accurate indication of the correct mounting location for the detector. Do not install the detector beyond the maximum recommended range, even if the glassbreak simulator reports additional range. Future changes in room acoustics could reduce any additional range.

Available in NA, LATAM, EMEA and APAC



SS-102 Shock Sensor

- Unique bi-colored LED to indicate minor or major attacks
- Anti-tamper protection
- Moisture-resistant electronics module
- Sensitivity adjustment
- High immunity to low-frequency false alarms and radio interference
- Compatible with all makes of control panels
- SS-102 is able to monitor for minor vibrations (and count them to a preset limit) and for major attacks at the same time

Available in NA, LATAM, EMEA and APAC

FSA-210/410 Wired Photoelectric Smoke Detectors

- Automatic drift compensation
- Built-in, dual-sensor heat detector (option)
- Built-in 85dB horn (option)
- Easy-maintenance removable smoke chamber
- Interconnectable using PRM-2W/4W polarity reversal modules
- Low profile design
- Local test button
- RM-2 end-of-line power supervisory relay (4-wire detectors only) available separately

Available in NA, LATAM, EMEA and APAC



FSA-210

Model	Description
FSA-210(x)*	2-wire photoelectric smoke detector
FSA-210(x)T*	2-wire photoelectric smoke detector w/ heat detector
FSA-210(x)ST*	2-wire photoelectric smoke detector w/ integral sounder & heat detector
FSA-210(x)RT*	2-wire photoelectric smoke detector w/ aux. relay & heat detector

FSA-410

Model	Description
FSA-410(x)*	4-wire photoelectric smoke detector
FSA-410(x)T*	4-wire photoelectric smoke detector w/ heat detector
FSA-410(x)RT*	4-wire photoelectric smoke detector w/ aux. relay & heat detector
FSA-410(x)S*	4-wire photoelectric smoke detector w/ integral sounder
FSA-410(x)ST*	4-wire photoelectric smoke detector w/ integral sounder & heat detector
FSA-410(x)RST*	4-wire photoelectric smoke detector w/ integral sounder, aux. relay & heat detector

*Legend (x) = 'A' Canadian model number (ULC listed) | (x) = 'B' U.S. model number (UL listed) | 'C' Canadian model number (EU listed).

Not all models available in all regions

FSB-210 Series Addressable Photoelectric Smoke Detectors

FSB-210B (without Heat Sensor)

FSB-210BT (with Heat Sensor) – Fixed Heat With Rate Of Rise (rate of rise feature not UL listed)

- Automatic drift compensation
- Easy-maintenance removable smoke chamber
- Self diagnostics

Not available in Canada





AML-770B Loop Isolator Module

- Isolate burglary detectors from fire detectors on the same wire run

Available in NA, LATAM, EMEA and APAC



AMX-400 Loop Repeater/Isolator Module

- Can be used to repeat and re-power the AML loop to allow for longer wire runs
- Requires 12 VDC power source
- Will isolate the wire run in the event of a problem
- Provides additional 170 mA

Available in NA, LATAM, EMEA and APAC



Addressable Contact Modules

Model	Description
AMP-700	Door/Window contact with built-in reed switch
AMP-701	Door/Window contact with normally closed external contact input
AMP-702	Fire point module with normally open, EOL resistor supervised external contact input
AMP-704	4-zone door/window contact with normally closed, single or double EOL inputs

AMA-100 Addressable Glassbreak Detector

- Based on the Acuity® hardwire glassbreak detector
- Detects all types of breaking glass: plate, laminated, safety and tempered
- Can be tested using the glassbreak simulator (AFT-100)
- Built-in tamper switch

Available in NA, LATAM, EMEA and APAC



AMB-300 Addressable Passive Infrared Detector

- Patented MLSP (Multi-Level Signal Processing)
- Interchangeable lenses: wall-to-wall lens (standard), curtain lens, pet-immune lens and corridor lens
- Built-in tamper switch
- Based on the Bravo® 3 hardwire motion detector

Available in NA, LATAM, EMEA and APAC



AMB-500 Addressable Ceiling-Mount Passive Infrared Detector

- Based on the Bravo® 5 hardwire motion detector
- Built-in tamper switch
- Coverage diameter based on mounting height

Available in NA, LATAM, EMEA and APAC



AMB-600 Addressable Pet-Immune Passive Infrared Detector

- Based on the Bravo® 6 hardwire motion detector
- Patented MLSP (Multi-Level Signal Processing)
- Provides pet immunity up to 85 lb (39 kg)
- Built-in tamper switch

Available in NA, LATAM, EMEA and APAC

