

LC-104-PIMW (Form A)**LC-124-PIMW (Form C)**

Dual-Tech Motion Sensor (PIR & Microwave) with Pet Immunity

Sensor de movimiento de tecnología doble (sensor PIR y microondas) con inmunidad a mascotas

DéTECTEUR de mouvement bi-technologie (IPR & hyperfréquence) avec immunité aux animaux

Rilevatore di Movimento a Doppia Tecnologia (Infrarosso + Microonda)

con inmunità agli animali

Dualna czujka ruchu (PIR i mikrofala) odporna na obecność zwierząt

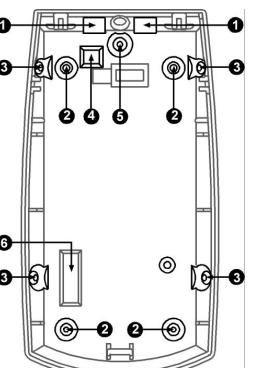


Fig 1 Knockout holes / Orificios troquelados / Trou de débouchure / Fori ciechi / Otwory montażowe

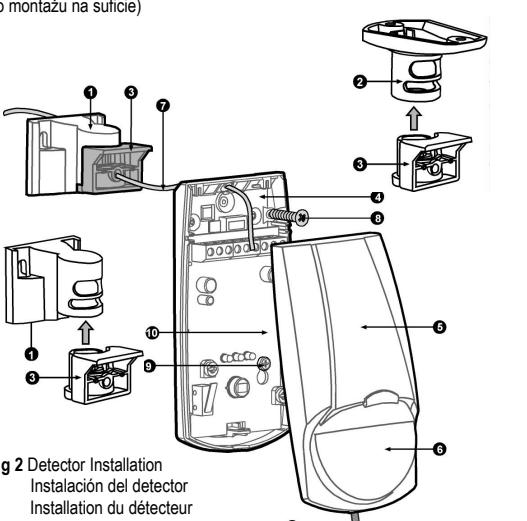
LC-L1ST accessory bracket Installation - Wall mount bracket (ceiling mount available)

Instalación del soporte-Escuadra de montaje en pared (escuadra para techo disponible)

Installation du support-Support de montage mural (support pour montage au plafond disponible)

Installazione dello snodo-Snodo per il montaggio a parete (disponibile snodo per il montaggio a soffitto)

Montaż uchwyty-Uchwyty do montażu na ścianie (dostępny także uchwyty do montażu na suficie)

Fig 2 Detector Installation
Instalación del detector
Installation du détecteur
Installazione del rilevatore
Montaż czujki**ENGLISH**

The detector provides an analysis of environmental conditions through the entire movement speed frequency spectrum, allowing focus on intruders and eliminating environmental factors of false alarms. The spectrum analysis is embedded in the VLSI based electronics of the detector assuring high reliability and trouble free operation.

As the LC-104 (Form A) and LC-124 (Form C) is a combined technology (PIR & microwave) alarm signal relay activation occurs only when signals from both sensors (PIR & MW) are present at the same time. The effective detection range is the range of which the patterns (PIR & MW) are intersected. The GAIN potentiometer adjustment changes the MW signal intensity so that the effective pattern will be scaled.

This Installation Manual shall be used in conjunction with the Installation Manual of the ALARM Control Panel.

TYPICAL INSTALLATION**Select mounting location**

Choose a location most likely to intercept an intruder. (Our recommendation is a corner installation). See detection pattern (Fig.3). The quad-element high quality sensor detects motion crossing the beam; it is slightly less sensitive detecting motion toward the detector.

Avoid The Following Locations: * Facing direct sunlight. * Facing areas that may change temperature rapidly. * Areas where there are air ducts or substantial airflows.

The LC-104-PIMW / LC-124-PIMW perform better when provided with a constant and stable environment.

This detector shall be installed and used within an environment that provides the pollution degree max 2 and overvoltages category II, NON HAZARDOUS LOCATIONS, indoor only. The detector is designed to be installed by service persons only.

MOUNTING THE DETECTOR

1. Remove the front cover by unscrewing the holding screw (Fig. 2-11) and gently raise the front cover. (Fig. 2-5)
2. Remove the PC board by unscrewing the holding screw located on the board. (Fig. 2-9)
3. Break out the desired holes for proper installation (Fig. 1-2) for flat mount or Fig. 1-3 for corner mount Use 4 screws type 3x30mm.
4. The circular and rectangular indentations at the bottom base (Fig. 1-1, Fig. 1-4) are the knockout holes for wire entry.
5. Mount the detector base to the wall or corner. (Fig. 3A)
6. For optional LC-L1ST accessory bracket installation open hole Fig. 1-6 for the bracket screw and install Bracket wall adapter (Fig. 2-18) or Bracket ceiling adapter (Fig. 2-23)
7. Reinstall the PC board by fully tightening the holding screw.
8. Connect wire to terminal block.(Fig. 4)
9. Replace the cover by inserting it back in the appropriate closing pins and screw in the holding screw.

DETECTOR INSTALLATION

Terminal Block Connections (See Fig. 4)
Terminals 1 & 2 - Marked "T2, T1" (TAMPER) Connect these terminals to a 24-hour normally closed protective zone in the control unit. If the front cover of the detector is opened, an immediate alarm signal will be sent to the control unit.

Terminal 3 Marked "NC" - This is the NC (Normally Closed) output of ALARM relay. (This contact is functional on LC-104-PIMW and LC-124-PIMW)

Terminal 4 Marked "C" - This is the COMMON output of ALARM relay (This contact is functional on LC-104-PIMW and LC-124-PIMW).

Terminal 5 Marked "NO/EOL" - This is the NO (Normally Open) of the ALARM relay on the LC-120 or End Of Line on the LC-100.

Terminal 6 - Marked "-" (GND) Connect to the negative Voltage output or ground of the control panel.

Terminal 7 - Marked "+" (+12V) Connect to a positive Voltage output of 9.6-16VDC source. Use only a listed power limited source.

Note: The detector shall be provided with minimum of 4 hours of standby power from either a listed compatible control unit or power supply.

SETTING UP THE DETECTOR (Dipswitch Fig.5-2)**LED ENABLE / DISABLE**

Switch 1 of dipswitch marked "LED" - LED's Enable/Disable

Position Up "ON" - LED's ENABLE The 3 LEDs will be activating Red for ALARM, Green for PIR detection, Yellow for MW detection. (Factory Setting)

Position Down "OFF" - LED's DISABLE The LED's are disabled.

NOTE: The state of the switch "LED" - does not affect the operation of the relays. When an intrusion is detected, the alarm relays will switch into alarm condition for 2 sec.

PIR SENSITIVITY ADJUSTMENT

El interruptor 1 marcado "LED" - Activar/Deshabilitar los LED's

Switch 2 of dipswitch marked "PIR" - provides sensitivity control of PIR according to the environment.

Position Up "ON" - (Pulse=1) - High sensitivity for stable environments. (Factory Setting)

Position Down "OFF" - (Pulse=Auto) - Low sensitivity for harsh environments.

NOTA: El estado del interruptor "LED" - no afecta el funcionamiento del relé.

Cuando una intrusión es detectada, el relé de alarma se cambia a una condición de alarma por 2 segundos.

AJUSTE DE LA SENSIBILIDAD DEL SENSOR PIR

Interruptor 2 del microinterruptor. Utilizado para ajustar el sensor "PIR": proporciona el control de la sensibilidad del sensor pasivo infrarrojo

Posición arriba - "ON" (Pulse=1). Alta sensibilidad para entornos estables. (Ajuste de fabrica) Posición abajo - "OFF" (Pulse=Auto). Baja sensibilidad para entornos inestables.

AJUSTE DE LA SENSIBILIDAD DEL MICROONDA (MW)

Interruptor 3 marcado "MW" - proveé control de sensibilidad para la detección de microonda dependiendo del ambiente.

Posición Arriba "PUESTO" - (8 Pulses) - Sensibilidad baja para ambientes severos o inestables.

Posición Abajo "APAGADO" - (2 Pulses) - Sensibilidad alta para ambientes estables. (Ajuste de fabrica)

AJUSTE DE LA INMUNIDAD A LAS MASCOTAS

Interruptor 4 del microinterruptor. Utilizado para configurar la inmunidad a MASCOTAS ("PET") de 15 kg a 25 kg.

Posición arriba - "ON" - Inmunidad a mascotas de hasta 15 kg. (Ajuste de fabrica) Posición abajo - "OFF" - Inmunidad a un animal de hasta 25 kg.

AJUSTE DE LA FUNCIÓN DE AND/OR

Interruptor 5 marcado "A/O" - proveé ajuste para la activación del relé de ALARMA.

Posición Arriba "OR" - modo OR - el relé de ALARMA se activara como una función de detección del PIR o MICROONDA. (El primer canal que sea detectado activara la ALARMA)

The "MW" potentiometer (Fig. 5-4) adjusts the MW detection range between minimum and maximum (factory set to middle position).

The "PIR" potentiometer (Fig. 5-1) adjusts the PIR detection range between Minimum and Maximum (factory set to Middle Position).

Nota: Este detector debe ser reiniciado retirando temporalmente la alimentación para que los nuevos ajustes entren en vigor.

NOTA: The "MW" and "PIR" potentiometer may need to be adjusted to the Maximum positions in order to achieve maximum area of coverage as indicated in Fig. 3.

WIRE SIZE REQUIREMENTS**ESPAÑOL**

Este detector proporciona un análisis de las condiciones ambientales a lo largo del espectro completo de velocidades de movimiento, lo que le permite centrarse en intrusos y eliminar los factores ambientales típicos de las falsas alarmas. El análisis del espectro está integrado en la electrónica del detector basada en la tecnología VLSI, lo que asegura una alta fiabilidad y un funcionamiento sin fallos. Dado que el LC-104-PIMW / LC-124-PIMW está construido sobre una tecnología combinada (sensor pasivo infrarrojo y microondas), la activación del relé de la señal de alarma se da sólo cuando se reciben señales de ambos sensores (PIR y microondas) al mismo tiempo. El alcance eficaz de detección es el alcance de la intersección de ambos patrones (PIR y microondas). El ajuste de la ganancia (GAIN) del potenciómetro modifica la intensidad de la señal de microondas para escalar el patrón efectivo.

Este Manual de instalación deberá utilizarse conjuntamente con el Manual de instalación del panel de control de la alarma.

INSTALACIÓN TÍPICA**Selección la ubicación de montaje**

Elegir una ubicación en la que estime más probable la intercepción de un intruso. (Nuestra recomendación es la instalación en una esquina). Véase el patrón de detección (Fig. 3). El sensor Quad de alta calidad detecta el movimiento que cruza el haz, y es algo menos sensible en la detección del movimiento hacia el propio detector.

Avoid the Following Locations: * Facing direct sunlight. * Facing areas that may change temperature rapidly. * Areas where there are air ducts or substantial airflows.

The LC-104-PIMW / LC-124-PIMW perform better when provided with a constant and stable environment.

This detector shall be installed and used within an environment that provides the pollution degree max 2 and overvoltages category II, NON HAZARDOUS LOCATIONS, indoor only. The detector is designed to be installed by service persons only.

MONTAJE DEL DETECTOR

1. Retirar la cubierta frontal desenrostando la tuerca de sujeción (Fig. 2-11) y levantar suavemente la cubierta frontal.
2. Desenrostrar la placa de circuito impreso desenrostando la tuerca de sujeción situada en la placa.
3. Desmarcar los agujeros deseados para una instalación correcta ((Fig. 1-2) para la instalación en la pared o (Fig. 1-3) para la instalación en la esquina) Usar 4 tornillos tipo 3x30mm.
4. Las hendiduras circulares y rectangulares en la base del dispositivo (Fig. 1-1, Fig. 1-4) son los orificios para el cableado.
5. Montar la base del detector en la pared o en la esquina. (Fig. 3A)
6. Para la instalación opcional con soporte de pared, abrir el hoyo Fig. 1-6 para el tornillo del soporte de pared e instalar el adaptador de soporte para pared (Fig 2-18) o el adaptador de techo (Fig 2-23)
7. Reinstalar la placa de circuito impreso y apretar la tuerca de sujeción.
8. Conectar el cable a la placa de circuito impreso.
9. Colocar la cubierta frontal en la parte posterior del dispositivo.

MONTAJE DEL DETECTOR

1. Retirar la cubierta frontal por medio de desenrostrar los tornillos que sostienen el dispositivo (Fig. 2-11) y con cuidado levantar la cubierta frontal.

2. Desenrostrar la placa de circuito impreso por medio de desenrostrar la tuerca de sujeción situada en la placa.

3. Desmarcar los agujeros deseados para una instalación correcta ((Fig. 1-2) para la instalación en la pared o (Fig. 1-3) para la instalación en la esquina) Usar 4 tornillos tipo 3x30mm.

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7. Reinstalar la placa de circuito impreso y apretar la tuerca de sujeción.

INSTALACIÓN DEL DETECTOR

Conexiones del bloque de terminales (véase la Fig. 4)

Terminales 1 & 2 - Marked "T2, T1" (TAMPER) Conecte estos terminales a una zona de protección normalmente cerrada de 24 horas en la unidad de control. Si se abre la tapa frontal del detector, se enviará inmediatamente una señal de alarma a la unidad de control.

Terminal 3 marked "NC" - This is the NC (Normally Closed) output of ALARM relay. (This contact is functional on LC-104-PIMW and LC-124-PIMW)

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Terminal 6 - Marked "-" (GND) Connect to the negative Voltage output or ground of the control panel.

Terminal 7 - Marked "+" (+12V) Connect to a positive Voltage output of 9.6-16VDC source. Use only a listed power limited source.

Note: The detector shall be provided with minimum of 4 hours of standby power from either a listed compatible control unit or power supply.

SETTING UP THE DETECTOR (Dipswitch Fig.5-2)**LED ENABLE / DISABLE**

Switch 1 of dipswitch marked "LED" - LED's Enable/Disable

Position Up "ON" - LED's ENABLE The 3 LEDs will be activating Red for ALARM, Green for PIR detection, Yellow for MW detection. (Factory Setting)

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PIR SENSITIVITY ADJUSTMENT

El interruptor 1 marcado "LED" - Activar/Deshabilitar los LED's

Switch 2 of dipswitch marked "PIR" - provides sensitivity control of PIR according to the environment.

Position Up "ON" - (Pulse=1) - High sensitivity for stable environments. (Factory Setting)

Position Down "OFF" - (Pulse=Auto) - Low sensitivity for harsh environments.

NOTA: El estado del interruptor "LED" - no afecta el funcionamiento del relé.

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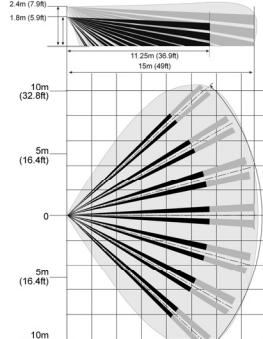


Fig. 3 Lens Pattern I Patrón de la lente I Portée de la lentille I Area di Copertura I Charakterystka detekcji

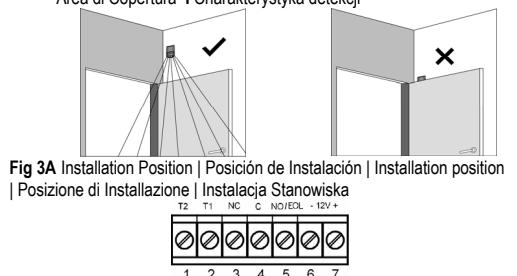


Fig 3A Installation Position | Posición de Instalación | Installation position | Posizione di Installazione | Instalacija Stanowiska

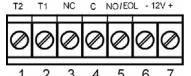


Fig. 4 Terminal block I Bloque de terminales I Plaque à bornes I Morsettiera I Opis zacisków

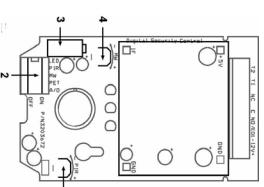


Fig. 5 PCB Layout

| | | | | | |
|---|---------------------------|------------------------------|---|-----------------------------------|------------------------------|
| 1 | PIR | Ajuste de sensibilidad PIR | Réglage de la sensibilité du détecteur IRP | Regulazione sensibilità PIR | Regulacja czułości (PIR) |
| 2 | Dip-Switch for setting | Interruptor del ajuste | Interrupteur de réglage | Przelotnik funkcji | |
| 3 | Tamper switch | Interruptor de anti-sabotaje | Deviateur Przelotnik antysabotażowy | | |
| 4 | MW Sensitivity Adjustment | Ajuste de sensibilidad MW | Réglage de la sensibilité de l'hyperfréquence | Regolazione Sensibilità microonda | Regulacja czułości mikrofali |

DSC erklaer herved at denne komponenten overholder alle viktige krav samt andre bestemmelser gitt i direktiv 1999/5/EC.
For este equipo, DSC declara que este equipamiento està en conformidad con los requisitos esenciales y otras determinaciones relevantes de la Directiva 1999/5/EC.

DSC bekräftigt härmed att denna uppfyller de väsentliga kraven och andra relevanta bestämmelser i Direktivet 1999/5/EC.

Con la presente la Digital Security Controls dichara que questo prodotto è conforme ai requisiti essenziali ed altre disposizioni rilevanti relativa alla Direttiva 1999/5/CE.

Für dieses Gerät, DSC declara que este equipo est en conformidad con las exigencias esenciales y otras regulaciones relevantes de la Directiva 1999/5/EC.

Hierachur arðar DSC, dæs ðessar erfiðarleiki. Þessar eru viktige krav saman með annarskriftum sem eru óskarliðir með 1999/5/EC.

Återhier verklagskiðaður DSC til að töstet í overensstemming met de eisen en beþapalingum vonrichtig 1999/5/EC.

Par la présente, DSC déclare que cet article est conforme aux exigences essentielles et autres relevantes stipulations de la directive 1999/5/EC.

DSC vakuuttaa laitteen täytäntöön direktiivin 1999/5/EC oleellisten vaatimusten.

Hereby, DSC, declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The complete R & TTE Declaration of Conformity can be found at www.dsc.com/intl/declaration.htm.

EN50131-1 EN50131-2 Grade 2 Class 2

FCC ID:F5306LC4105 IC ID:160A-06LC4105



For UL/ULC installations use only detectors operating at 10.525GHz.

UL/ULC tested operation of the product at 0 ~ 49°C, 93%RH.

Use only resistive loads on the relay outputs.

| Organismes Certificateurs | |
|---------------------------|--|
| | CNPP |
| | Route la Chapelle Réanville CD64 - BP2265 27950 ST MARCEL Tel : +33 (0)2.32.53.64.00 www.cnpp.com |
| | AFNR Certification 11 rue Francis de Pressensé 93571 LA PLAINE SAINT DENIS Cedex Tel : +33 (0)1.46.11.37.00 www.afnr.org |

Warning! Changes or modifications to this equipment not expressly approved by the party responsible for compliance (DSC Ltd.) could void the user's authority to operate the equipment. This device complies with part 15 of the FCC rules. Operations are subject to the following two conditions:

(1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003. The term 'IC' before the radio certification number only signifies that Industry Canada technical specifications were met.

Use #22 AWG (0.5 mm) or wires with a larger diameter. Use the following table to determine required wire gauge (diameter) and length of wire between the detector and the control panel.

| Wire Length | m | 200 | 300 | 400 | 800 |
|---------------|-----|-----|------|------|------|
| Wire Diameter | mm | 0.5 | 0.75 | 1.0 | 1.5 |
| Wire Length | ft. | 656 | 984 | 1312 | 2624 |
| Wire Gauge | AWG | 22 | 20 | 18 | 16 |

WALK TESTING

IMPORTANT NOTE: Upon installation, the unit should be thoroughly tested to verify proper operation. The end user should be instructed on how to perform a walk test weekly.

Make sure detector has been set up: Pulse=1, LED=ON and protected area cleared of all people. Create motion in the entire area where coverage is desired, observe the Green LED for PIR detection, and Yellow LED for MW detection. Should the coverage be incomplete, readjust range or relocate the detector.

Once coverage is as required, the alarm LED may be disabled.

Use the optional LC-L1ST wall mount or ceiling mount brackets to solve placement problems. The brackets allow for horizontal positioning of the detector.

Note: For UL installations the detector shall be tested annually.

TECHNICAL SPECIFICATION

| | |
|--------------------|--|
| Detection Method | Quad (Four element) PIR & microwave pulse Doppler |
| Power Input | 9.6 to 16Vdc |
| Current Draw | Active: 25mA; Standby: 20mA |
| Temp Compensation | Yes |
| Alarm Period | 2 ± 1 sec |
| Alarm Outputs | LC-104-PIMW - Form A - NC LC-124-PIMW - Form C - NC & NO 28Vdc 0.1 A with 10 Ohm series protection resistors |
| Tamper Switch | NC 28Vdc 0.1 A with 10 Ohm series protection resistors open when cover is removed |
| Warm up Period | 1min |
| LED Indicator | LED's are blinking during warm up period and self testing |
| Red LED | ON during alarm |
| Green LED | PIR CHANNEL |
| Yellow LED | MW CHANNEL |
| RF Immunity | 10 V/m plus 80% AM from 80 MHz to 2GHz |
| Static Immunity | 8kV contact, 15kV air |
| Transient Immunity | 2.4kV @ 1.2joules |
| Operation Temp | -10°C ~ +55°C (14°F ~ 131°F) |
| IP | 40 |
| IK | 04 |
| Dimensions | 118mm x 62.5mm x 41mm (4.65" x 2.46" x 1.61") |
| Weight | 102gr. (3.6oz.) |

Use only resistive loads on the relay outputs

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -- Consult the dealer or an experienced radio/TV technician for help.

Limited Warranty

Digital Security Controls warrants that for a period of 12 months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls. Digital Security Controls neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Los detectores de movimiento sólo pueden detectar movimiento en las zonas designadas en sus respectivas instrucciones de instalación. Dichos detectores no pueden discriminar entre intrusos y ocupantes. Los detectores de movimiento no proporcionan protección volumétrica de las zonas protegidas. Estos detectores poseen múltiples haces de detección, con lo que sólo puede detectarse el movimiento en zonas cubiertas por dichos haces que no presenten obstáculos. No pueden detectar el movimiento existente detrás de paredes, techos, suelos, puertas cerradas, divisiones acristaladas, puertas acristaladas o ventanas. Cualquier tipo de vandalismo, ya sea intencionado o no intencionado, como cubrir, pintar o robar cualquier tipo de material sobre las lentes, espejos, ventanas o cualquier otra pieza del sistema de detección, afectará a su correcto funcionamiento.

Los detectores infrarrojos pasivos de movimiento funcionan a través de la detección de cambios en la temperatura. No obstante, su eficacia puede verse reducida cuando la temperatura ambiente se acerca o supera la temperatura corporal, o si existen fuentes de calor intencionadas o no intencionadas en la zona de detección o cerca de ella. Algunas de estas fuentes de calor pueden ser calefactores, radiadores, estufas, barbacoas, chimeneas, la luz del sol, rejillas de vapor, luces, etcétera.

Atención: Digital Security Controls recomienda comprobar por completo el sistema con frecuencia. No obstante, a pesar de estas comprobaciones frecuentes y debido entre otras posibles causas a un posible vandalismo o una interrupción del suministro eléctrico, es posible que este producto no funcione como cabe esperar.

Información importante: Los cambios o modificaciones no aprobados expresamente por Digital Security Controls pueden anular la autorización del usuario a hacer funcionar este equipo.

Important Information: Changes or modifications not expressly approved by Digital Security Controls could void the user's authority to operate this equipment.

This Class B digital apparatus complies with Canadian ICES-003. The term 'IC' before the radio certification number only signifies that Industry Canada technical specifications were met.

entre el Mínimo y el Máximo (el ajuste de fábrica es el Posición central).

Vea fig. 3 para determinar la gama de la detección usando el potenciómetro de SENS.

NOTA: Puede que tenga que ajustar los potenciómetros "MW" y "PIR" a las posiciones máximas para conseguir la máxima superficie de cobertura, tal y como se indica en la fig. 3.

REQUISITOS DE TAMAÑO DE LOS CABLES

Utilice cables de calibre 22 AWG (0.5 mm) o de mayor diámetro. Utilice la siguiente tabla para determinar el calibre (diámetro) del cable y su longitud entre el detector y el panel de control.

| Lunghezza | m | 200 | 300 | 400 | 800 |
|-----------|-----|-----|------|------|------|
| Diametro | mm | 0.5 | 0.75 | 1.0 | 1.5 |
| Lunghezza | ft. | 656 | 984 | 1312 | 2624 |
| Sezione | AWG | 22 | 20 | 18 | 16 |

WALK TESTING

IMPORTANT NOTE: Upon installation, the unit should be thoroughly tested to verify proper operation. The end user should be instructed on how to perform a walk test weekly.

Make sure detector has been set up: Pulse=1, LED=ON and protected area cleared of all people. Create motion in the entire area where coverage is desired, observe the Green LED for PIR detection, and Yellow LED for MW detection. Should the coverage be incomplete, readjust range or relocate the detector.

Once coverage is as required, the alarm LED may be disabled.

Use the optional LC-L1ST wall mount or ceiling mount brackets to solve placement problems. The brackets allow for horizontal positioning of the detector.

Note: For UL installations the detector shall be tested annually.

EXIGENCES EN MATIÈRE DE DIMENSIONS DES FILS

Utilisez un AWG (calibre américain des fils) #22 (0,5 mm) ou des fils d'un diamètre plus important. Utilisez le tableau suivant pour déterminer le calibre (diamètre) et la longueur de fil requis entre le détecteur et le central de contrôle.

| Lunghezza Condutore | m | 200 | 300 | 400 | 800 |
|---------------------|-----|-----|------|-----|-----|
| Diametro Condutore | mm | 0.5 | 0.75 | 1.0 | 1.5 |
| Calibro Condutore | AWG | 22 | 20 | 18 | 16 |

TEST DE MARCHA