

CoMET PIR

PIR Detector



INSTALLATION INSTRUCTIONS



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WARNING: This product should be tested at least once a week.

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ENGLISH

General Description

The CoMET PIR (RK210PR) is an excellent solution for cost effective residential applications.

The CoMET PIR is a wide angle 12m X 12m (40' x 40') with high catch performance and false alarm immunity.

The CoMET Series also includes the following model:

The CoMET PET (RK210PT) is an excellent solution for cost effective PET immune residential applications. The CoMET PET is 8m (26') 90° pet immune Detector with immunity up to 42lbs. (20kg.) dog, 2 cats or multiple rodents.

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Descripción General

El CoMET PIR (RK210PR) es una excelente solución, a bajo costo para aplicaciones residenciales.

La Serie CoMET incluye los siguientes modelos:

El CoMET PIR es un gran angular de 12m x 12m (40"x40") con alto desempeño de captura e inmunidad a falsas alarmas.

La Serie CoMET incluye además el siguiente modelo:

El CoMET PET (RK210PT) es una excelente solución, a bajo costo para aplicaciones residenciales que requieren inmunización a animales domésticos. El CoMET PET es un Detector de 8m (26') 90° inmune a animales domésticos con inmunidad a un perro de hasta 42 lbs (20 kg), 2 gatos o varios roedores.

Posición de montaje

Consideraciones b sicas (fig. 1). No montar la unidad frente a luz solar directa o cerca de fuentes de calor. El Detector necesita ser ubicado de tal manera

Mounting Locations

Primary considerations (fig. 1). Do not mount the unit in direct sunlight or near heat sources. The Detector needs to be located so that an intruder will cross the infrared beam pattern.

Installation

Open the cover (fig. 2)

que un intruso cruce el diagrama del rayo infrarrojo.

Instalación

Abra la cubierta (fig. 2)

Procedimiento de montaje

Sin el dispositivo de montaje giratorio. Abrir los agujeros pre-marcados para los tornillos de montaje y entrada de cables. (fig. 3)

CE - entrada de cables
MS - tornillos de montaje
Introducir el cable y fijar la base en su

lumière du soleil ni près de sources de chaleur. Le détecteur doit être placé de sorte que tout intrus traverse inévitablement le rayon infrarouge.

Installation

Ouvrez le couvercle (fig. 2)

Procédé d'assemblage

Sans pivot : Retirez les rivets pour monter les vis et l'entrée du câble
CE - (Cable Entry) - entrée du câble
MS - (Mounting screws) - vis d'assemblage (fig. 3)

Insérez le câble et fixez la base à l'endroit

di un intruso entro il raggio d'azione dell'unità.

Installazione

Aprire il coperchio dell'unità (fig. 2)

Rimuovere le predisposizioni

plastiche per consentire il montaggio delle viti e l'entrata dei cavi (fig. 3)

CE - entrata cavo
MS - viti per il montaggio

Inserire il cavo e fissare la base del sensore nel punto scelto (fig. 4)

Mounting Procedure

Remove knockouts for mounting screws and cable entry (fig. 3)

CE - Cable entry
MS - Mounting screws
Insert cable and attach the base to location (fig. 4)

Note: It is possible to "drill" the bottom without taking out the PCB (fig. 3).

lugar (fig. 4)

Nota: es posible "perforar" el fondo sin retirar el PCB. (fig. 3)

Conexiones de los bornes

12VCD: entrada de la fuente de alimentación
ALARMA: conmutador de forma A (N.C.) relé

TAMPER: conmutador de forma A (N.C.) relé
Ajuste de la Tarjeta:

Añojar los tornillos sujetadores de la tarjeta
Ajustar la posición de la tarjeta de acuerdo a la lente utilizada

choisi (fig. 4)

Remarque: il est possible de "percer" la partie inférieure sans enlever le PCB. (fig. 3)

Connexions finales

12VDC: alimentation électrique
ALARME: interrupteur NC de contact à sec

AUTOPROTECTION: interrupteur NC de contact à sec
Ouvertures d'air (fig. 3)

Réglage de la carte PC: Desserrez la vis de maintien de la carte PC
Positionnez la carte selon la lentille utilisée.

Nota: grazie alla particolare predisposizione, è possibile forare la base del sensore senza dover estrarre la scheda dall'unità. (fig. 3).

Cablaggio dei morsetti

12VCC: ingresso dell'alimentazione
ALARM: contatto pulito libero da tensione
TAMPER: contatto pulito libero da tensione (fig. 3) Sigillare i fori.

Regolazione della scheda: Allentare la vite interna e far scorrere la scheda in modo da posizionarla

Terminal Connections

12VDC: Power supply input
ALARM: NC dry contact relay
TAMPER: NC dry contact relay
Seal holes (fig. 3)
PC Board Adjustment
Loosen PC board holding screw
Position the board according to the lens used
Wide angle:
Height 2.4m (7' 10")
Room size: 3-6m (10'-20'), (fig. 8a. Short)

Lente gran angular:

Altura 2.4m (7' 10")
Tamaño de la habitación: 3-6m (10'-20') (fig. 8a. Short)
Tamaño de la habitación: 6-12m (20'-40') (fig. 8b. Long)
Alturas de montaje más altas que la típica (fig. 8c.)
Lente de largo alcance:
Altura 2.4m (7'10") (fig. 8a. Short)
Alcance 18m (59') (fig. 8b. Long)

Grand angle:

Hauteur 2.4m (7' 10")
Dimensions de la pièce: 3-6m (10'-20') (fig. 8a. Short)
Dimensions de la pièce: 6-12m (20'-40') (fig. 8b. Long)
Hauteur plus élevée que la hauteur d'installation type (fig. 8c)
Lentille longue portée:
Hauteur 2.4m (7'10") (fig. 8a. Short)
Champ de détection 18m (59') (fig. 8b. Long)

all'altezza della tacca relativa al tipo di lente usata. Stringere la vite.

Grandangolo:

Altezza 2.4m
Dimensioni stanza: 3-6m (10'-20') (fig. 8a. Short)
Dimensioni stanza: 6-12m (20'-40') (fig. 8b. Long)
Più alta rispetto ai montaggi standard (fig. 8c)

Lenti lunga portata:
Altezza 2.4m (7'10") (fig. 8a. Short)

Room size: 6-12m (20'-40') , (fig. 8b. Long)
Higher than typical mounting heights (fig. 8c)
Long range lens:
Height 2.4m (7'10") (fig. 8a. Short)
Range 18m (59') (fig. 8b. Long)

Jumper Settings

Set jumper in position corresponding to the desired pulse count. (fig. 5). For Long range lens use pulse count 1 only.

Colocación de los puentes

Colocar el puente en la posición correspondiente al contado de pulsos deseado. (fig. 5) Para lentes de largo alcance use solamente contado de pulsos 1.

Prueba de marcha

Reemplazar la tapa delantera. Energizar el detector y aguardar hasta que la unidad se establezca (> 2 minutos)
Caminar en la área protegida (fig. 6). Observar el LED, confirmando el alcance

Installation du cavalier

Placez le cavalier dans la position correspondante au nombre d'impulsions désiré. (fig. 5).

Pour une lentille longue portée, le nombre d'impulsions doit être seulement de 1.

Test de passage (en marchant)

Remplacez le couvercle frontal. Mettez l'appareil sous tension et attendez qu'il se stabilise (> 2 minutes)
Passez en marchant à travers la zone protégée (fig. 6).

Portata 18m (59') (fig. 8a. Long)
Più bassa rispetto ai montaggi standard (fig. 8b Long)

Regolazione del ponticello

Regolare il ponticello in base al conteggio impulsi desiderato. (fig. 5)
Per lenti a lunga portata usare solo conteggio impulsi 1.

Prova di movimento

Togliere il coperchio. Attivare il dispositivo e attendere (>2 minuti) per il raggiungimento della stabilizzazione

1

2

3

4

5

6

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Walk Test

Replace front cover. Apply power and wait until stabilised (> 2 minutes)

Walk through the protected area (fig. 6).

Observe LED, confirm detection coverage. When completed tighten the screw.

Procedure for Changing Lenses

Lift off the clip holding the lens by pressing on its holding tabs. Slide the lens out of

the Comet cover. Reverse the procedure for inserting a new lens. (fig 7.)

SPECIFICATIONS

Operating Voltage: 9 to 16 V $\overline{\text{DC}}$
 Current: 12mA at 12 V $\overline{\text{DC}}$
 Alarm Contacts: 0.1 amps, 24 V $\overline{\text{AC}}$, N.C.
 Tamper Contacts: 0.1 amps, 24 V $\overline{\text{AC}}$, N.C. (in RK210PR only)
 Automatic temperature compensation
 Size: 89 X 52 X 39 mm
 (3.5 x 2 x 1.5 in)

Optical Filtering:

White light protection, pigmented lens

Operating Temperature: -5 to + 50 °C
 (+23 to 122 °F)
 Storage Temperature: -20 to + 55 °C
 (-4 to 131 °F)

Specifications are subject to change without prior notice. Should any questions arise, contact your distributor.

Model Part Numbers and accessories.

P/N	TYPE	RANGE	OTHERS
RK210PR0000A	PIR	12mx12m (40ft x 40ft)	
RL407H	Long Range Lens	18mx2.3m (59'x7'7")	Accessory

FIG.1

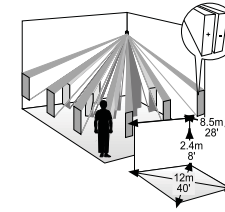
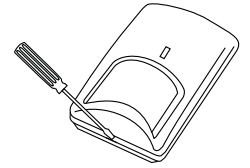


FIG.2



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de la detección. Cuando completado aprete el tornillo.

Procedimiento para el cambio de lentes

Levantar el clip que sostiene la lente, apretando en sus presillas de retención. Deslizar la lente fuera de la cobertura de Comet. Invertir el procedimiento para insertar una nueva lente. (fig. 7)

ESPECIFICACIONES

Voltaje de Operación: 9 hasta 16 V $\overline{\text{DC}}$
 Corriente: 12mA hasta 12 V $\overline{\text{DC}}$
 Contactos del Alarma: 0.1 amps, 24V $\overline{\text{AC}}$, N.C.
 Contactos del Tamper: 0.1 amps, 24V $\overline{\text{AC}}$, N.C. (solamente en el RK210PR)
 Compensación automática de temperatura
 Tamaño: 89 x 52 x 39 mm
 (3.5 x 2 x 1.5 in)

Filtración óptica: protección contra luz blanca, lentes pigmentadas

Temperatura de Operación:

-5 hasta +50 °C
 (+23 hasta 122 °F)

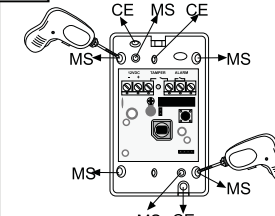
Temperatura de Almacenamiento: -20 hasta +55 °C
 (-4 hasta 131 °F)

Las especificaciones están sujetas a cambios sin previo aviso. En caso de presentarse cualquier duda, consulte a su distribuidor.

Número de las partes de los modelos y accesorios.

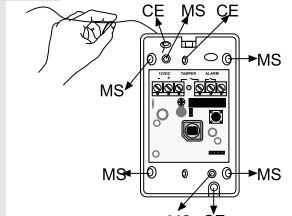
P/N	TIPO	ALCANCE	OTROS
RK210PR0000A	PIR	12mx12m (40ft x 40ft)	
RL407H	Lentes de Largo Alcance	18mx2.3m (59'x7'7")	Accesorio

FIG.3



CE - Cable entry
 MS - Mounting screws

FIG.4



CE - Cable entry
 MS - Mounting screws

FRENCH

Observez la diode LED, confirmez le champ de détection. Ensuite, resserrez la vis.

Procédure de changement de lentille

Soulevez le crochet qui retient la lentille en appuyant sur ses attaches. Faites glisser la lentille à l'extérieur du couvercle de l'appareil Comet. Procédez inversement pour introduire la nouvelle lentille. (fig 7).

SPÉCIFICATIONS

Tension de fonctionnement: de 9 à 16 V $\overline{\text{DC}}$
 Courant: 12mA à 12 V $\overline{\text{DC}}$
 Contacts d'alarme: 0,1amps, 24V $\overline{\text{AC}}$, N.C.
 Contacts d'autoprotection: 0,1 amps, 24 V $\overline{\text{AC}}$, N.C. (avec RK210PR seulement)
 Compensation automatique de la température
 Dimensions: 89 x 52 x 39 mm
 (3,5 x 2 x 1,5 in)

Filtrage optique:

protection contre la lumière blanche, lentille, teintée

Température de fonctionnement: de -5 à +50 °C
 (de +23 à 122 °F)

Température de stockage: de -20 à +55 °C
 (de -4 à 131 °F)

Ces spécifications peuvent subir des modifications sans avis préalable. Pour tout renseignement complémentaire, n'hésitez pas à contacter votre distributeur.

Code des modèles et accessoires.

P/N	CATÉGORIE	CHAMP DE DÉTECTION	AUTRES CARACTÉRISTIQUES
RK210PR0000A	PIR	12mx12m (40ft x 40ft)	
RL407H	Lentille longue portée	18mx2.3m (59'x7'7")	Accessoire

FIG.5

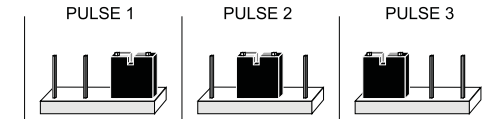


FIG.6

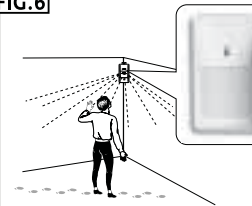
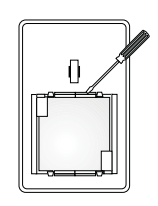


FIG.7



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Camminare all'interno dell'area protetta (fig. 6).

Osservare il LED, confermare la copertura di rivelazione. Una volta completata l'operazione, stringere la vite.

Procedura per il cambio della lente

Rimuovere il morsetto che protegge la lente premendo sull'apposita linguetta. Far scivolare la lente fuori dal coperchio del Comet. Ripetere la procedura al contrario per inserire una nuova lente. (fig 7).

SPECIFICHE

Alimentazione: da 9 a 16 V $\overline{\text{DC}}$
 Consumo di corrente: 12mA a 12 V $\overline{\text{DC}}$
 Contatti allarme: NC, 24 V $\overline{\text{AC}}$, 0.1 A
 Contatti tamper: NC, 24 V $\overline{\text{AC}}$, 0.1 A (solo nel modello RK210PR)
 Dimensioni: 89x52x39 mm
 Ottica: protezione alle luci bianche, lenti pigmentate

Temperatura di funzionamento:

da -5 a 50 °C

Temperatura di stoccaggio: da -20 a 55 °C

Le specifiche tecniche possono essere soggette a modifiche senza preavviso. Per qualunque chiarimento, contattare il distributore.

Codici di prodotto e accessori.

CODICI	TIPO	PORTATA	ALTRO
RK210PR0000A	PIR	12mx12m (40ft x 40ft)	
RL407H	Lente Lunga Portata	18mx2.3m (59'x7'7")	Accessori

FIG.8

