

**ENGLISH****Jumper Settings**

Set jumper in position corresponding to the desired pulse count (fig. 11)  
For Long range lens use pulse count 1 only.

**Changing Lenses**

Lift protective sleeve (fig. 12)  
Slide lens out (fig. 13)  
Reverse the procedure to insert new lens

**Walk Test**

Replace front cover  
Apply power and wait until stabilized (> 2 minutes)  
Walk through protected area (fig. 14)  
Observe LED, confirm detection coverage  
Adjust swivel if necessary. When completed tighten the screw

**FRANÇAIS****Positionnement Des Cavaliers**

Placez le cavalier dans la position correspondant au nombre d'impulsions souhaité (fig. 11)  
Avec la lentille Longue Portée, utilisez le comptage à 1 impulsion.

**Couverture**

(fig. 12)  
Faites glisser la lentille en dehors de ses encoches (fig. 13)  
Et inversez la procédure pour mettre une nouvelle lentille.

Alimentez le détecteur et attendez 2 minutes qu'il se stabilise.  
Marchez en divers endroits de la zone protégée (fig. 14).  
Observez la LED qui confirme la détection de couverture.  
Ajustez la rotule si nécessaire, et une fois les tests terminés, resserrez bien la vis qui maintient la rotule.

**Changement De La Lentille**

Soulevez la protection du capteur située dans le

**Test De Passage**

Refermez le couvercle du détecteur.

**ESPAÑOL****Colocación De Puentes**

Colocar el Puente en la posición correspondiente al contado de pulsos deseado (fig. 11)  
Para lentes de largo alcance, utilizar contado de pulsos en la posición 1.

**Cambio De Lentes**

Levantando la cubierta protectora (fig. 12)  
Deslizar la lente hacia afuera (fig. 13)  
Invertir el procedimiento para insertar la lente nueva

**Prueba De Marcha**

Montar la cubierta  
Energizar el detector y aguardar a que la unidad se estabilice (por lo menos dos minutos).  
Caminar en el área protegida (fig. 14).  
Observar el LED para confirmar la cobertura.  
Ajustar el ángulo de giro si esto fuera necesario. Una vez finalizado el ajuste, fijar el tornillo

**ITALIANO****Regolazioni del Ponticello**

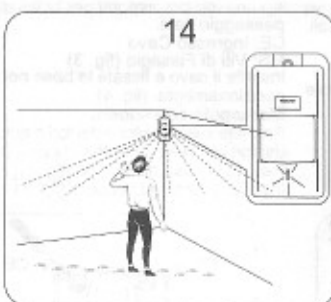
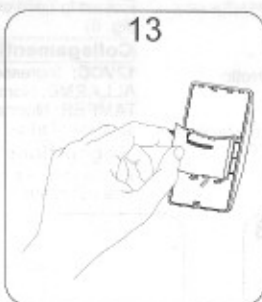
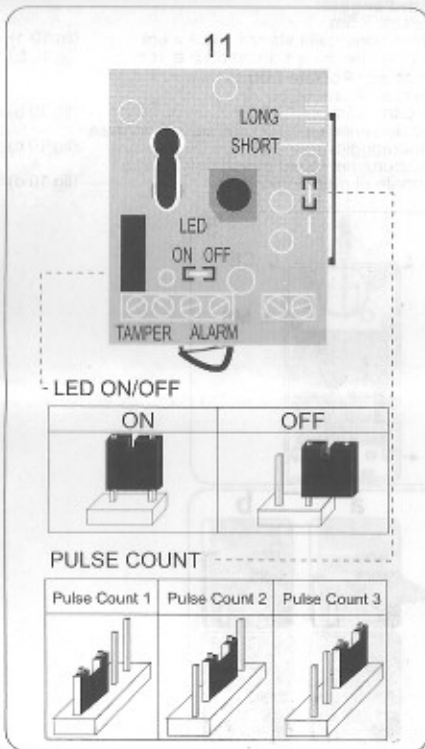
Settare il ponticello sulla posizione corrispondente al conteggio d'impulso desiderato (fig. 11)  
Utilizzare solo il Conteggio d'impulso 1 con la lente di lunga portata.

**Sostituzione delle Lenti**

Sollevare la mascherina di protezione (fig. 12)  
Fate scivolare la lente per poterla estrarre. (fig. 13)  
Effettuate la procedura contraria per inserire la nuova lente.

**Prova di Movimento**

Riposizionare il coperchio frontale.  
Alimentare il sensore ed aspettare almeno 2 minuti (periodo di riscaldamento)  
Camminate nell'area protetta (fig. 14).  
Osservate il LED per avere la conferma che l'area è coperta dal sensore.  
Regolate lo snodo se necessario.  
Dopo aver completato l'operazione, serrate la vite di fissaggio.

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RISCO Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller can not guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose. In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

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No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

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

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**ZODIAC**<sup>TM</sup>  
QUAD**RK-410RQ**Real Quad Residential PIR Detector  
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E-mail: support-cn@riscogroup.comPOLAND Tel: +48-22-500-28-40  
E-mail: support-pl@riscogroup.comISRAEL Tel: +972-3-963-7777  
E-mail: support@riscogroup.com**SPECIFICATIONS**

OPERATING VOLTAGE: 9 to 16 V ~\*  
CURRENT: 12mA at 12 V ~\*\*  
ALARM CONTACTS: 0.1 amps, 24V ~, NC  
TAMPER CONTACTS: 0.1 amps, 24V ~, NC  
SIZE: 10.7X5.8X3.9 cm  
(4.2x2.3x1.5 in.)  
(without swivel)

SWIVEL ADJUSTMENT: Horizontal: ± 25°  
Vertical: + 5°, -20°  
OPTICAL FILTERING: White light protection,  
pigmented lens ~\*\*~

OPERATING TEMPERATURE: -10 TO +50°C  
(+14 to +122°F)  
STORAGE TEMPERATURE: -20 to +55°C  
(-4 to +131°F)

TEMPERATURA IN FUNZIONAMENTO:  
(per il I livello IMQ) 5°C a 40°C

Lo snodo non è testato alle norme IMQ.  
La lente a lunga portata non è testata alle norme IMQ..

\* Power to be supplied by 5A max. power source using safety approved wires, with a min. Gauge of 20AWG

\*\* RK410RQ IMQ Livello I - max 19mA

\*\*~: Not Verified by UL

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

## ENGLISH

### General Description

The **ZODIAC QUAD** with Real Quad pyroelectric element has been specially designed for high false alarm immunity and high catch performance in hostile residential environments.

The **ZODIAC PRO** Family includes the following models:

- **ZODIAC PRO:** Residential PIR with excellent catch performance and false alarm rejection
- **ZODIAC PET:** \*Residential PIR for pet immunity installations

\*Not yet evaluated by UL

### Mounting locations

Primary considerations (fig. 1). Do not mount the unit in direct sunlight or near heat sources.

### Installation

Open the cover (fig. 2)

### Mounting procedure

Without swivel:

Remove knockouts for mounting screws and cable entry

CE - Cable entry

MS - Mounting screws (fig. 3)

Insert cable and attach the base to location (fig. 4)

With the swivel:

Punch out Knockout.

Remove knockout for cable entry (fig. 5)

Attach base to swivel (fig. 6)

Feed the cable into the detector (fig. 7)

Screw swivel base on the wall or ceiling (fig. 8)

### Terminal connections

12VDC: Power supply input

ALARM: NC dry contact switch

TAMPER: NC dry contact switch

Seal holes (fig. 9)

### PC Board Adjustment

Loosen PC board holding screw (fig. 10)

Position the board according to the lens used

### Wide angle:

Height 2.5m (8.2ft)

Room size: 3-6m (10-20ft)

Room size: 6-12m (20-40ft)

Long range lens:

Height 2.5m (8.2ft)

range 18m (59ft)

Higher than typical mounting heights

Lower than typical mounting heights

(fig. 10 a)  
(fig. 10 b)

(fig. 10 b)  
(fig. 10 c)  
(fig. 10 d)

## FRANÇAIS

### Description Générale

La **ZODIAC QUAD**, muni d'un capteur pyroélectrique Quad, a été spécialement conçu pour optimiser la définition de détection et étudié pour réduire considérablement les fausses alarmes.

La famille des **ZODIAC PRO** comprend également les modèles suivants:

- **ZODIAC PRO:** Infrarouge passif pour les milieux résidentiels avec une excellente performance de détection et une réduction des fausses alarmes.

• **ZODIAC AD:** Infrarouge passif pour les milieux résidentiels conçu pour permettre une parfaite immunité aux animaux domestiques.

### Le Meilleur Emplacement Pour L'Installation

Considérations préliminaires

Ne montez pas le détecteur en exposition directe au soleil ou près de sources de chaleur. (fig. 1)

### Installation

Ouvrez le couvercle (fig. 2)

### Montage

Sans la rotule :

Percez les pré perforations pour la fixation des vis et le passage du câble.

CE - Passage du câble

MS - Vis de fixation (fig. 3)

Faites passer le câble et fixez l'embase du boîtier à son emplacement. (fig. 4)

Avec la rotule :

Perforez la pré découpe et percez les pré perforations pour le passage du câble (fig. 5)

Emboîtez la rotule comme indiqué. (fig. 6)

Faites passer le câble dans le détecteur (fig. 7)

Vissez la base de la rotule sur le mur ou au plafond. (fig. 8)

### Bornier De Raccordement

12VDC: Entrée alimentation

ALARM: Contact sec NF

TAMPER (autoprotection): Contact sec NF

Rebouchuez les trous restants avec du joint silicone. (fig. 9)

### Ajustement De La Carte

Desserrez la carte en dévissant la vis de maintien. (fig. 10)

La position de la carte dépend de la lentille utilisée.

### Lentille Grand Angle:

Hauteur de pose 2.5m

Position SHORT Taille de la pièce de 3 à 6 mètres

Position LONG Taille de la pièce de 6 à 12 mètres

### Lentille Longue Portée:

18 mètres de portée Hauteur de pose 2.5m

Quand le détecteur est monté plus haut qu'à 2.5m

Quand le détecteur est monté plus bas qu'à 2.5m

(fig. 10 a)  
(fig. 10 b)

(fig. 10 b)  
(fig. 10 c)  
(fig. 10 d)

## ESPAÑOL

### Descripción general

El **ZODIAC QUAD** con un elemento piroeléctrico Quad Verdadero ha sido especialmente diseñado para alta inmunidad a falsas alarmas y superior desempeño de captura en aplicaciones residenciales particularmente hostiles.

La familia **ZODIAC PRO** incluye los modelos siguientes:

- **ZODIAC PRO:** PIR de uso residencial con excelente capacidad de captura e inmunidad a falsas alarmas

• **ZODIAC PET:** PIR de uso residencial para instalaciones que requieren inmunidad a animales domésticos

### Posición de montaje

Consideraciones básicas: no instale el detector expuesto directamente a la luz solar o cerca de fuentes de calor (fig. 1).

### Instalación

Abrir la cubierta (fig. 2)

### Procedimiento De Montaje

Sin dispositivo de montaje giratorio:

Abrir los agujeros pre-marcados para los tornillos de montaje y la entrada de cables

CE-entrada de cables

MS-tornillos de montaje (fig. 3)

Insertar los cables y fijar la base en su lugar (fig. 4)

### Con dispositivo de montaje giratorio:

Abrir los agujeros pre-marcados para los tornillos de montaje y la entrada de cables (fig. 5)

Fijar la base del detector al dispositivo de montaje giratorio (fig. 6)

Insertar los cables en el detector (fig. 7)

Atornillar el dispositivo de montaje giratorio a la pared o al techo (fig. 8)

### Conecciones

12 VDC: Entrada de fuente de alimentación

ALARM: conmutador de Forma A (N.C.) relé

TAMPER: conmutador de Forma A (N.C.) relé

Sellar los agujeros (fig. 9)

### Ajuste De La Tarjeta

Aflorar los tornillos sujetadores de la tarjeta. (fig. 10)

Ajustar la posición de la tarjeta de acuerdo a la lente utilizada

### Lente gran angular:

Altura: 2.5m (8.2 pies)

Tamaño de habitación: 3-6m (10-20 pies)

Tamaño de habitación: 6-15m (20-50 pies)

### Lente de largo alcance:

Altura: 2.5m (8.2 pies)

Alcance: 18m (59 pies)

Alturas de montaje más altas que la típica

Alturas de montaje más bajas que la típica

(fig. 10 a)  
(fig. 10 b)

(fig. 10 b)  
(fig. 10 c)  
(fig. 10 d)

## ITALIANO

### Descrizione Generale

Il rivelatore **ZODIAC Quad**, costruito con un Reale elemento piroelettrico Quad, è stato specificamente progettato per ridurre drasticamente gli allarmi impropri senza rinunciare ad una efficace rivelazione in applicazioni residenziali particolarmente critiche.

La gamma dei rivelatori **ZODIAC** comprende anche i modelli seguenti:

- **ZODIAC PRO:** Rivelatore all'infrarosso passivo con una eccellente qualità di rivelazione e immunità ai falsi allarmi in ambienti residenziali

• **ZODIAC PET:** Rivelatore all'infrarosso passivo per applicazioni residenziali, immune ai piccoli animali.

### Posizionamento

Considerazioni preliminari: non posizionare il rivelatore rivolto direttamente verso la luce del sole o in prossimità di fonti di calore (fig. 1)

### Installazione

Aprite il Coperchio (fig. 2)

### Montaggio

Senza snodo:

Aprite i fori predisposti per le viti di fissaggio e il passaggio cavi.

CE: Ingresso Cavo

MS: Viti di Fissaggio (fig. 3)

Inserite il cavo e fissate la base nel corretto posizionamento. (fig. 4)

### Montaggio con snodo:

Premete sulle plastiche dei fori e rimuovete la plastica dai fori per l'inserimento del cavo. (fig. 5)

Fissate la base allo snodo (fig. 6)

Inserite il cavo nel sensore (fig. 7)

Fissate la base dello snodo sulla parete o sul soffitto. (fig. 8)

### Collegamenti dei Morsetti

12VDC: Ingresso alimentazione

ALLARME: Normalmente chiuso (libero da tensione)

TAMPER: Normalmente chiuso (libero da tensione)

sigillare i fori del passaggio cavi (fig. 9)

### Regolazione del Circuito Stampato

Posizionate il circuito secondo il tipo di lente che utilizzate. (fig. 10)

### Grand'angolo:

Altezza: 2.5m

Dimensione della stanza: da 3 a 6m

Dimensione della stanza: da 6 a 15m

### Lente per Portata Lunga:

Altezza: 2.5m

Portata: 18m

Posizionamento più alto dell'altezza normale di montaggio. (fig. 10 c)

Posizionamento più basso dell'altezza normale di montaggio. (fig. 10 d)

(fig. 10 a)  
(fig. 10 b)

(fig. 10 b)  
(fig. 10 c)  
(fig. 10 d)

