



BWare™ Bus

Model:

RK515DTBG3

BWare BUS DT AM G3

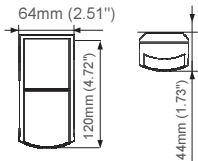
EN50131-2-4, PD6662 :2010,
Grade 3, EC2



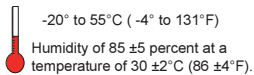
9-16VDC



12mA at 12VDC (typical)
34mA at 12VDC (max.)



100gr. (3.5oz.)



-20° to 55°C (-4° to 131°F)

Humidity of 85 ±5 percent at a
temperature of 30 ±2°C (86 ±4°F).



x 3



x 1

EN Introduction and Features

The BWare BUS DT AM detector is a motion detector designed for installation as an addressable detector on the RISCO BUS, incorporating both Anti-Mask and Anti-Cloak™ Technologies (ACT™).

- MW K-Band and PIR technologies
- Anti-Cloak Technology (ACT™)
- Green Line™ for disabling the MW during disarm
- Active IR Anti-Mask
- Cover and wall/corner tamper
- Corridor and Curtain lenses (optional)
- Remote Control & Diagnostics
- 15m (90') coverage

IT Introduzione e caratteristiche

BWare BUS DT AM è un rivelatore di movimento a doppia tecnologia indirizzato compatibile con il BUS RISCO che include un sistema di Anti-Mascheramento e la tecnologia Anti-Cloak™ (ACT™).

- Tecnologia a microonde (MW in banda K) e infrarosso passivo (PIR)
- Tecnologia Anti-Cloak (ACT™)
- Funzione "Green Line" per disabilitare le emissioni della sezione microonda a sistema disinserito
- Anti-Mask con IR attivo
- Tamper contro l'apertura e la rimozione
- Lenti a Tenda e Corridoio (opzionali)
- Diagnostica e Controllo Remoto
- Modelli da 15m (90')

ES Introducción y características

El detector BWare BUS DT AM es un detector de movimiento diseñado para su instalación como detector direccionable en el BUS de RISCO, que incorpora las tecnologías de Anti-Enmascaramiento y Anti-Cloak™ (ACT™).

- Doble tecnología MW (Banda K) y PIR
- Tecnología Anti-Cloak (ACT™) para detectar intrusos camuflados
- GreenLine™ para deshabilitar el MW cuando el sistema esté desarmado
- Anti-Enmascaramiento por IR Activo
- Tamper de tapa y pared
- Lentes de Pasillo y Cortina (opcionales)
- Control y Diagnósticos Remotos
- Cobertura 15m (90')

FR Introduction et caractéristiques

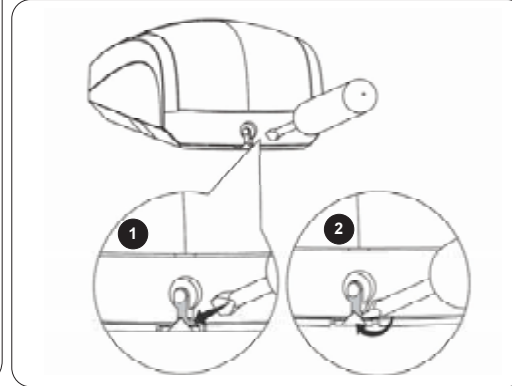
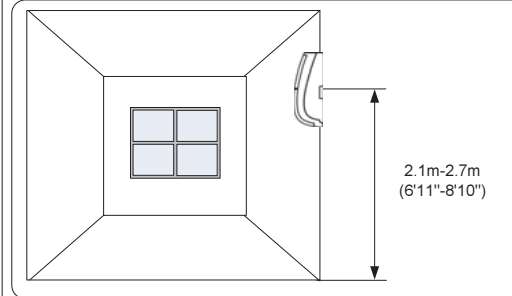
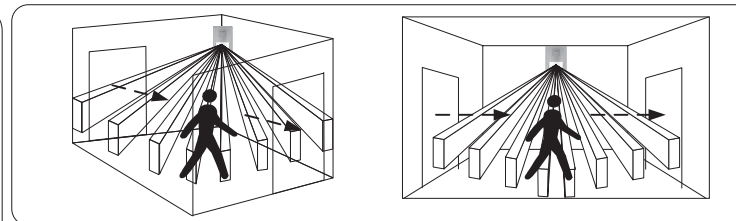
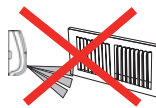
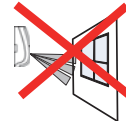
Le détecteur BWare BUS DT est un détecteur de mouvement destiné à être installé en tant que détecteur adressable sur le BUS RISCO, incorporant les technologies Anti-Masque et Anti-Cloak™ (ACT™).

- Technologies hyperfréquence Bande K et IR Passif
- Technologie Anti-Cloak™ (ACT™)
- Anti-masque actif à IR
- Green Line™ pour désactiver l'hyperfréquence durant le désarmement
- Autoprotection à l'ouverture et l'arrachement mur/angle
- Lentilles couloir et rideau (optionnelles)
- Contrôle et diagnostic à distance
- Couverture 15m (90')

PR Introdução e características

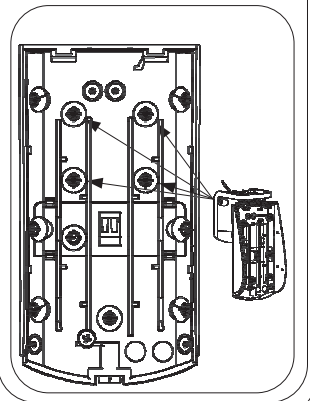
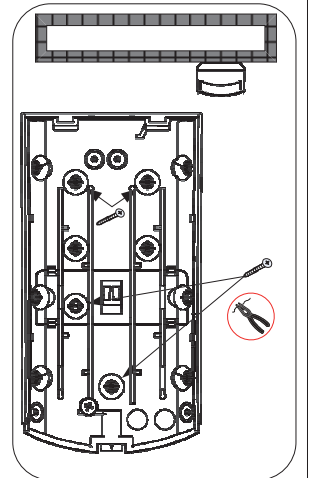
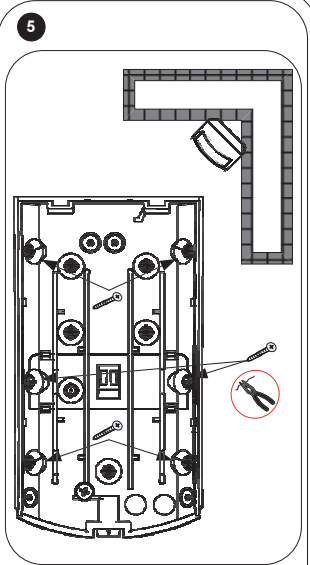
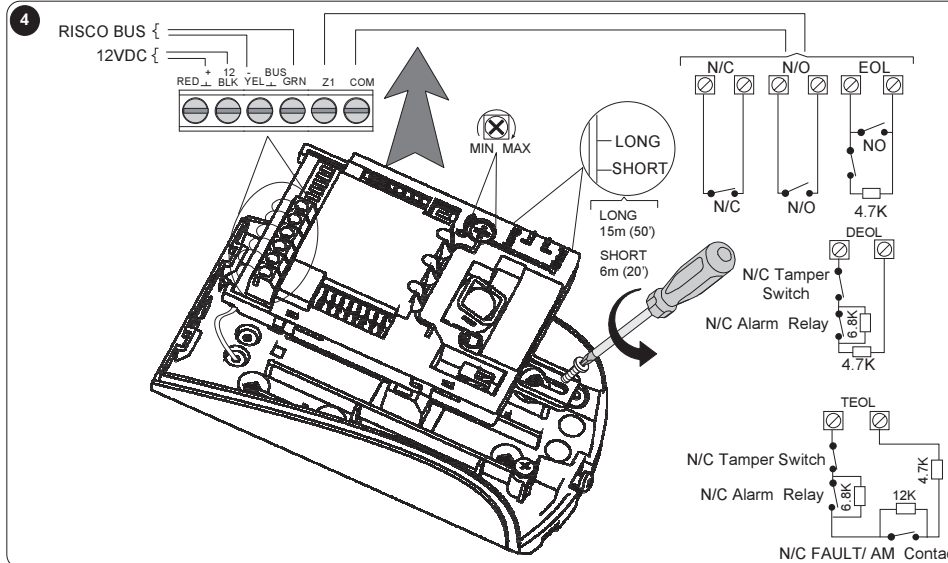
O BWare BUS, detector AM de dupla tecnologia, é um detector de movimento projetado para ser instalado como detector endereçável ao RISCO Bus, incorporando tecnologia tanto Anti-Mask quanto Anti-Cloak™.

- Tecnologia Anti-Camuflagem (ACT™)
- Tecnologia GreenLine - Desativa MW (Microondas), quando o sistema é desativado.
- Anti-Máscara por Infra Vermelho Ativo.
- Lentes de longo alcance e Cortina (opcional)
- Controle e diagnóstico remoto
- Modelo 15m (90')



BUS ADDRESS

ID	1	2	3	4	5
01	OFF	OFF	OFF	OFF	OFF
02	ON	OFF	OFF	OFF	OFF
03	OFF	ON	OFF	OFF	OFF
04	ON	ON	OFF	OFF	OFF
05	OFF	OFF	ON	OFF	OFF
06	ON	OFF	ON	OFF	OFF
07	OFF	ON	ON	OFF	OFF
08	ON	ON	ON	OFF	OFF
09	OFF	OFF	OFF	ON	OFF
10	ON	OFF	OFF	ON	OFF
11	OFF	ON	OFF	ON	OFF
12	ON	ON	OFF	ON	OFF
13	OFF	OFF	ON	ON	OFF
14	ON	OFF	ON	ON	OFF
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17	OFF	OFF	OFF	OFF	ON
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19	OFF	ON	OFF	OFF	ON
20	ON	ON	OFF	OFF	ON
21	OFF	OFF	ON	OFF	ON
22	ON	OFF	ON	OFF	ON
23	OFF	ON	ON	OFF	ON
24	ON	ON	ON	OFF	ON
25	OFF	OFF	OFF	ON	ON
26	ON	OFF	OFF	ON	ON
27	OFF	ON	OFF	ON	ON
28	ON	ON	OFF	ON	ON
29	OFF	ON	ON	ON	ON
30	ON	OFF	ON	ON	ON
31	OFF	ON	ON	ON	ON
32	ON	ON	ON	ON	ON



EN System Programming:

- Add/delete a BWare BUS detector
 - Installer menu [7] Accessories / Install > [1] Add Delete Module > [9] More... > [5] BUS Zone.
 - Select ID (as defined by the Dip switches) and define type as BDGTG.
- Assign the BWare BUS detector to a Zone
 - Installer menu [2] Zones > [1] One by One > Select Zone.
 - Under Termination select > [5] BUS Zone.
 - Select the BUS zone number to assign to the programmed zone.
- Program the zone input on the BWare BUS
 - Installer menu [2] Zones > [1] One by One > Select Zone.
 - Under Termination select from options [07] to [11].
 - Press [#]. Select the BUS zone that the input zone belongs to.
- Configure the BWare BUS detector parameters.
 - Installer menu select [2] Zones > [0] Miscellaneous > [3] BUS Zone Parameters. Refer to System Installation Manual.

IT Programmazione Sistema:

- ProSYS:** 1. Aggiungi/cancella un rivelatore BUS BWare
- Menù Tecnico [7] Accessori > [1] Agg./Canc.Modulo > [9] Continua... > [5] Zone BUS
 - Selezionare il numero ID (come impostato dai microinterruttori) e definire il tipo come BDGTG
2. Assegnazione del rivelatore BUS BWare ad una Zona
- Menù Tecnico [2] Zone > [1] Una per Una > Selezionare il numero di zona
 - Raggiunta l'opzione Terminazione selezionare > [5] Zona BUS
 - Selezionare il numero ID della zona BUS da assegnare alla zona che si sta programmando
3. Programmazione dell'ingresso di zona aggiuntivo sul rivelatore BUS BWare
- Menù Tecnico [2] Zone > [1] Una per Una > Selezionare il numero di zona
 - Raggiunta l'opzione Terminazione selezionare una delle opzioni da [07] a [11]
 - Premere [#]. Selezionare il numero ID della zona BUS che fa riferimento all'ingresso di zona che si sta programmando
4. Configurazione dei parametri del rivelatore BUS BWare
- Nel Menù Tecnico selezionare [2] Zone > [0] Varie > [3] Parametri Zona BUS > Selezionare il numero di zona al quale è stato assegnato il rivelatore. Fare riferimento al Manuale Tecnico della centrale per i parametri del rivelatore

LightsYS: 1. Aggiungi/cancella un rivelatore BUS BWare

- Menù Tecnico [7] Configurazione > [1] Accessori BUS > [2] Configurazione Manuale > [9] Zone-BUS
 - Selezionare l'identificativo ID (come impostato dai microinterruttori) e definire il Tipo come BDGTG
3. Programmare l'ingresso di zona del rivelatore BWare BUS
- Una volta completata l'operazione descritta al punto 1, la centrale automaticamente chiederà se aggiungere alla zona successiva l'ingresso di zona aggiuntivo del rivelatore
4. Programmare i parametri del rivelatore
- Menù Tecnico [2] Zone > [1] Parametri > [2] Per Parametro > [7] Avanzati > [4] Zone BUS > Selezionare il numero di zona al quale è stato assegnato il rivelatore. Fare riferimento al Manuale Tecnico della centrale per i parametri del rivelatore

ES Programación Sistema:

- Añadir/Borrar un detector BWare BUS
 - Menú Instalador > [7] Accesorios > [1] Agregar/Borrar Módulo > [9] Más... > [5] Zonas BUS
 - Seleccione el ID (según se haya definido con los microinterruptores DIP) y defina el tipo como BDGTG.
- Asignar el detector BWare BUS a una Zona
 - Menú Instalador > [2] Zonas > [1] Una a Una > Seleccionar la Zona
 - En el apartado Terminación, seleccione la opción [05] Zona BUS.
 - Seleccione el ID del detector BUS que se va a asignar a la zona programada.
- Programar la entrada de zona adicional del BWare BUS
 - Menú Instalador > [2] Zonas > [1] Una a Una > Seleccionar la Zona.
 - En el apartado Terminación, seleccione una de las opciones de la [07] a la [11].
 - Presione [#]. Seleccione el ID del detector BUS al que pertenece la entrada de zona.
- Configuración de los parámetros del detector BWare BUS.
 - Menú Instalador > [2] Zonas > [0] Varios > [3] Parámetros Zona BUS. Consulte el manual de instalación del sistema para la configuración de los parámetros del detector BUS.

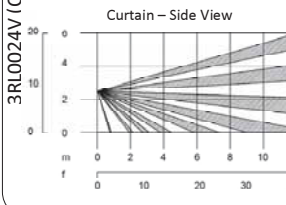
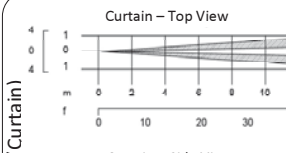
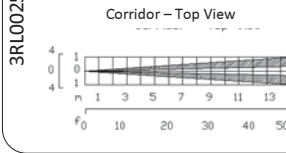
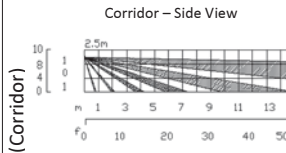
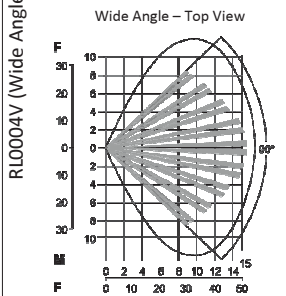
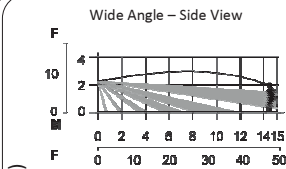
FR Programmation Système:

- Ajout/Supp détecteur BWare BUS
 - Menu Installateur [7] Accessoires / Installation > [1] Ajout/Supp Module > [9] Plus... > [5] Zone BUS.
 - Sélectionner l'ID (défini par les Dip switches) et définir le type en BDGTG.
- Assigner le détecteur BWare BUS à une Zone
 - Menu Installateur [2] Zones > [1] Une par Une > Sélectionner Zone.
 - Dans Nature sélectionner > [5] BUS Zone.
 - Sélectionner le numéro de la zone BUS à assigner à la zone programmée.
- Programmer la zone d'entrée du BWare BUS
 - Menu Installateur [2] Zones > [1] Une par Une > Sélectionner Zone.
 - Dans Nature sélectionner les options [07] à [11].
 - Appuyer sur [#]. Sélectionner le numéro de la zone BUS à assigner à la zone programmée.
- Configurer les paramètres du détecteur BWare BUS.
 - Menu Installateur sélectionner [2] Zones > [0] Divers > [3] Param Zone BUS. Reportez-vous au manuel d'installation du système pour les paramètres des détecteurs BUS.

PR Programação da Sistema:

- Adicionar/Apagar um detector BWare BUS
 - Menu do instalador [7] Acessórios > [1] Adicionar/Apagar módulo > [9] Mais... > [5] Zonas de BUS.
 - Seleccionar ID (como definido nos Dipswitches) e definir como o tipo BDGTG.
- Alocar o BWare BUS à uma zona
 - Menu do Instalador [2] Zonas > [1] Uma a Uma > Seleccionar Zona.
 - No menu de Terminação seleccione > [5] Zona de BUS.
 - Seleccione o número da zona de BUS para alocar a zona programada.
- Programação da entrada de zona do BWare BUS
 - Menu do instalador [2] Zonas > [1] Uma a uma > Seleccionar Zona.
 - No menu de terminação escolha uma das opções de [07] até [11].
 - Apertar [#]. Escolher a zona de BUS que a entrada de zona pertence.
- Configurar os parâmetros do detector BWare BUS.
 - Seleccionar o menu do instalador [2] Zonas > [0] Diversos > [3] Parâmetros de Zonas de BUS.

6



EN MW Sensitivity IT Portata Microonda
 ES Alcance del Microondas PR Alcance de microondas
 FR Sensibilité MW

EN LED Display

LED	State	Description
Yellow	On	PIR Detection
	Flashing	Trouble in PIR channel
	On	MW Detection
Green	Flashing	Trouble in MW channel
	On	Alarm
	Flashing	Communication Trouble
Blue	Rapid Flashing	Anti-Masking detection
	Flashing (consecutively)	At power-up, the LEDs will flash consecutively until the end of the warm-up period (2-3 minutes). At the end of the warm-up period the BLUE LED will continue to flash until the end of AM calibration.

IT Indicatori LED

LED	Stato	Descrizione
Giallo	Illuminato	Rilevazione del canale all'infrarosso passivo (PIR)
	Lampeggiante	Anomalia del canale PIR
Verde	Illuminato	Rilevazione del canale a microonda (MW)
	Lampeggiante	Anomalia del canale MW
Blu	Illuminato	ALLARME
	Lampeggiante Rapido	Problema di comunicazione
Tutti i LED	Lampeggiante (consecutivamente)	Anomalia / Rilevazione circuito Anti-Mask
	Lampeggiante (consecutivamente)	All'alimentazione tutti i LED lampeggiano in sequenza fino alla fine del periodo di preriscaldamento (2-3 minuti). Alla fine del periodo di preriscaldamento il LED BLU continuerà a lampeggiare fino alla fine della fase di inizializzazione del canale Anti-Mask.

ES Indicación de los LEDs

LED	Estado	Descripción
Amarillo	Encendido	Detección PIR
	Parpadeando	Problema en el canal PIR
Verde	Encendido	Detección MW
	Parpadeando	Problema en el canal MW
Azul	Encendido	Indicación de ALARMA
	Parpadeando	Problema de comunicación
Todos los LEDs	Parpadeo Rápido	Detección Anti-Enmascaramiento
	Parpadeando (consecutivamente)	Al dar alimentación, los LEDs parpadearán consecutivamente hasta que finalice el periodo de calentamiento (2-3 minutos). Al finalizar el periodo de calentamiento, el LED AZUL, seguirá parpadeando hasta que termine la calibración del AM.

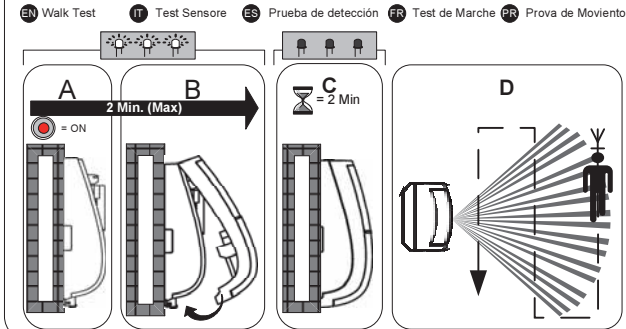
FR Affichage LED

LED	Etat	Description
Jaune	Allumée	Détection IRP
	Clignotante	Défaut canal IRP
Verte	Allumée	Détection HF
	Clignotante	Défaut canal HF
Bleu	Allumée	Alarme
	Clignotante rapide	Détection Anti-Masque
Totalité LED's	Clignotante (consecutivement)	Au démarrage, les voyants LED clignotent successivement jusqu'à la fin de la période d'échauffement (2-3 minutes). A la fin de la période d'échauffement la LED bleue continuera à clignoter jusqu'à la fin de l'étalonnage AM.

PR Visualização dos LEDs

LED	Estado	Descricao
Amarelo	Aceso	Deteção de Infravelmento Passivo
	Piscado	Problema no canal Infravelmento Passivo
Verde	Aceso	Deteção no Microondas
	Piscado	Problema no canal Microondas
Azul	Aceso	ALARME
	Piscado	Problema de comunicação
Todos LEDs	Piscado Rápido	Falha/ Deteção Anti Máscara. Ao conectar, os LEDs piscarão consecutivamente até o final do período de aquecimento (2-3 minutos). Ao final do período de aquecimento, o LED AZUL continuará piscando até o final da iniciação do AM.

7



FCC modular approval

Contains FCC ID UXS-IPM165F BWare RK516DTG3 FCC Compliance Section: FCC Part 15 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

FCC Warning:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RISCO Group Limited Warranty

RISCO Ltd., its subsidiaries and affiliates (the "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 the Seller does not install or connect the product, and because the product may be used in conjunction with products not manufactured by the Seller, the Seller cannot guarantee the performance of the security system which uses this product.

The Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at the Seller's discretion, within a reasonable time after the date of delivery, any product not meeting these specifications.

The Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

Under no circumstances should the 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.

The Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

The Seller does not warrant that the product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection.

The buyer/customer understands that a correctly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not an insurance or a guarantee that such an event will not occur or that there will be no personal injury or property loss as a result thereof.

Consequently the Seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning.

However, if the Seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, the Seller's maximum liability shall not exceed the purchase price of the product, which shall be a complete and exclusive remedy for the Seller.

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

Batteries installed in or used with the products are explicitly excluded from this or any other warranty. Seller gives no warranty whatsoever as to batteries and buyer's only remedy (if any) shall be in accordance with the warranty provided (if and to the extent provided) by the manufacturers of batteries.

Contacting RISCO Group

RISCO Group is committed to customer service and product support. You can contact us through our website www.riscogroup.com or as follows:

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