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EN 2-Way Wireless Video Expander Installation Instructions

IT Espansione radio per video verifica Manuale di Installazione

ES Expansor de vídeo inalámbrico bidireccional Instrucciones de instalación

Model/Modello/ Modelo:: RP432EWV

EN

1. Description

The ProSYS Plus 2-Way Wireless Video Expander is a unit that is used to enable the transmission of images from RISCO PIR camera detectors when connected to the ProSYS Plus security panel.

Features Include

- Support for RISCO's range of wireless sounders, slim keypads, keyfobs and detectors
- Up to 4 2-Way wireless slim keypads
- Up to 4 sirens
- Up to 32 zones (including PIR Cameras)
- Up to 16 multi-function keyfobs
- Rolling code technology
- Signal jamming detection
- Threshold level calibration
- Back and front tamper detection
- Nominal center frequency: 868.65 MHz (Security); 869.525 MHz (Video)
- Can be installed inside or outside the ProSYS Plus main enclosure
- Up to 16 WL Video Expanders per ProSYS Plus system (up to 8 WL Video Expanders per bus)
- Up to 32 PIR Cameras per ProSYS Plus system (up to 8 PIR Cameras per WL Video Expander)
- VGA and QVGA image capture resolution
- Automatic bus speeds 9.6/38.4 Kbps

The WL Video Expander can be mounted as a separate unit with its plastic housing or as a PCB inside the ProSYS Plus main polycarbonate enclosure.

IMPORTANT! For fast picture transfer and since only Bus 4 supports fast speed (38,400 bps), the WL Video Expander must be connected to Bus 4, without connecting other devices that do not support Fast Bus.

2. Installation

The WL Video Expander can be mounted as a separate unit with its plastic housing or as a PCB inside the ProSYS Plus main polycarbonate enclosure.

IMPORTANT! For fast picture transfer and since only Bus 4 supports fast speed (38,400 bps), the WL Video Expander must be connected to Bus 4, without connecting other devices that do not support Fast Bus.

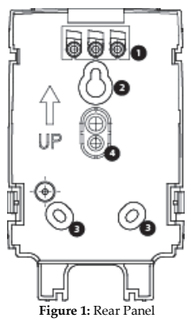
Step 1: Selecting the Mounting Location

When installed in its plastic housing:

- Do not install the WL Video Expander close to metal objects and RF generating devices such as TV sets or computers.
- Mount the WL Video Expander at a height of at least 1.5 m (5 ft) above the floor.
- Mount the WL Video Expander relatively close and central to the transmitter locations.

Step 2: Mounting the Detector

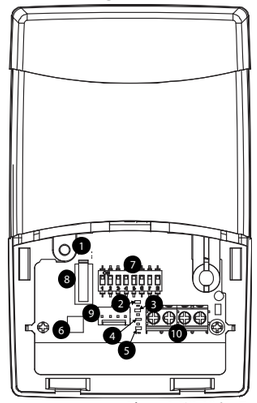
1. Separate the mounting bracket from the main unit.
2. Use the mounting bracket as a marking template.
3. Tear off screw caps, as needed for covering front screw hole.
4. Mount the bracket to the wall.



1. Screw cap
2. Upper mounting hole
3. Lower mounting holes (optional)
4. Back Tamper

Figure 1: Rear Panel

Step 3: Wiring the WL Video Expander



1. Optional screw hole (used to fasten front and back covers)
2. Red LED
3. Green LED
4. Yellow LED
5. Blue LED
6. Reset button
7. DIP switch
8. Box tamper
9. Bus Connector
10. 4-pin terminal block

Figure 2: WL Video Expander Layout (cover off)

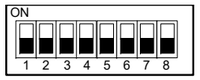
Terminal (left to right)	Description
AUX RED	+13.8V power VDC, (in bus connection, connect to AUX on the ProSYS Plus).
COM BLK	Black 0V common (in bus connection, connect to COM on the ProSYS Plus)
BUS YEL	Data bus connection
BUS GRN	Data bus connection

Notes:

1. The maximum wire run permitted is 100 meters (330 feet) fast speed or 300 meters (1,000 feet) slow speed for the total bus wiring. For the required wiring gauge information, refer to the ProSYS Plus Installer Manual, Appendix B.

2. When closing the cover use a screw cap located on the rear side to cover the closing screw.

3. DIP Switch Configuration



SW1 – SW3	Three switches to set ID of the WL Video Expander
SW4	NA
SW5	Tamper bypass
SW6	NA
SW7*	Connects 120Ω termination resistor to bus Off: Disable On: Enable
SW8	NA

* Mandatory when working in high speed to enable 120Ω termination resistor in the WL Video Expander that is installed at the furthest end in the system. The termination resistor is located between the Terminal Block, BUS YEL and BUS GRN.

4. LEDs Indication

LED	Description
All LEDs ON	WVE reset
All LEDs ON except for GREEN LED FLASH	WVE peripheral initialization
RED LED ON	BUS communication OK
RED LED BLINKS slow	In Prog Mode OR Bus Communication trouble
RED LED ON and GREEN LED FLASH	Communication via RF security channel
RED LED ON and BLUE LED FLASH	Communication via RF video channel
RED LED BLINKS fast	WVE in bootloader mode
YELLOW LED BLINKS fast	Security radio is in update mode
BLUE LED BLINKS fast	Video radio is in update mode

5. Programming steps in the ProSYS Plus

The following instructions define the main programming steps to the ProSYS Plus panel using the wireless Video Expander. Sixteen video expanders can be allocated to the ProSYS Plus.

1. Define the Video Expander ID using switches [1]-[3]. The Video Expander ID is set to 1 by default.
2. Allocate the WL Video Expander to the system (Programming menu – Quick key [7 > 1 > 2 > 05]
   Note: *If the WL Video Expander is installed inside the ProSYS Plus enclosure, the* ***Bypass Tamper*** *must be defined as* ***Yes****.*
3. Calibrate the Video Expander (Programming menu – Quick key [7 > 2 > 1]
4. Allocate wireless device (Programming menu – Quick key [7 > 2 > 2]
5. Perform communication test between the expander and the device (Main menu > Maintenance > Wireless Test).
6. Set the WL device parameters (Zones: Quick key 2 > 1, Keyfobs – Quick key 8 > 2) and the output parameters (Quick Key 3).

6. Technical Specifications

Parameter	Description
Operating Voltage	13V +/- 10%
Current Consumption	Typical: 40 mA; max 65 mA
Power Output	**Security:** 868.65Mhz:10mW (max) **Camera:** 869.525Mhz: 100mW (max)
RF Immunity	According to EN50130-4
Range (L.O.S)	300 meters
Operating temperature	-10°C to 55°C (14°F to 131°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Size	125.5 X 78 X 25.5 mm (4.94 X 3.07 x 1 inch)
Frequency	868.65 MHz, 869.525 MHz, 433 MHz, 916 MHz

7. Ordering Information

RP432EWV800A	Wireless Video Expander 868/869MHz
RP432EWV400A	Wireless Video Expander 433/916MHz

IT

1. Descrizione

L'espansione radio per video verifica è un accessorio che, connesso al BUS di ProSYS Plus, permette la trasmissione degli scatti immagine eseguiti dai rivelatori PIR CAM.

Caratteristiche

- Supporto dei sistemi radio RISCO come sirene, tastiere slim, telecomandi e rivelatori sia mono che bidirezionali.
- Fino a 4 Tastiere radio slim
- Fino a 4 sirene
- Fino a 32 zone (incluso rivelatori Pir con fotocamera)
- Fino a 16 telecomandi multifunzione
- Tecnologia rolling code
- Rilevazione del tentativo di disturbo del segnale (jamming)
- Calibrazione della soglia di rumore
- Tamper anti-apertura ed anti-rimozione
- Frequenza operativa: 868.65 MHz (Sicurezza); 869.525 MHz (Video)
- Può essere installato all'interno o all'esterno del contenitore di ProSYS Plus.
- Fino a 16 espansioni radio per video verifica per centrale (8 per BUS)
- Fino a 32 rivelatori Pir con fotocamera per centrale (8 per espansione)
- Risoluzione dei fotogrammi programmabili VGA o QVGA
- Velocità di comunicazione del BUS automatica 9.6/38.4 Kbps

2. Installazione

L'espansione radio per video verifica può essere installata esternamente, grazie al suo contenitore plastico in dotazione, oppure come sola scheda elettronica internamente al contenitore in policarbonato della ProSYS Plus.

IMPORTANTE! Al fine di garantire la trasmissione delle immagini, poiché solo il BUS 4 supporta la comunicazione veloce (38,400 bps), l'espansione deve essere connessa al BUS 4 **senza che vengano connessi altri accessori che non supportano la comunicazione veloce**.

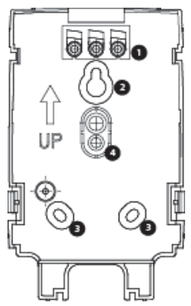
Passo 1: Scelta del luogo di installazione

Se l'espansione è installata nel suo contenitore plastico:

- Non installare l'espansione in prossimità di oggetti metallici e sorgenti di interferenza RF come TV o computer.
- Installare l'espansione ad almeno 1.5m di altezza da terra.
- Installare l'espansione quanto più centralmente possibile rispetto ai dispositivi che comunicheranno con essa.

Passo 2: Installazione del contenitore

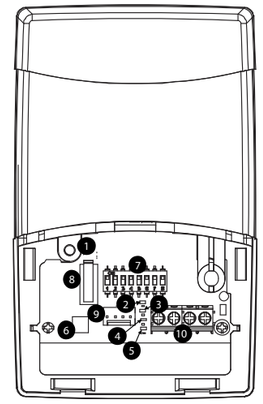
1. Separare la staffa di fissaggio.
2. Utilizzare la staffa come dima per i fori.
3. Rimuovere i tappi delle viti.
4. Fissare la staffa a muro.



1. Tappi copertura vite
2. Foro alto di fissaggio
3. Fori bassi di fissaggio
4. Tamper anti-rimozione

Figura 1: Staffa fissaggio

Passo 3: Cablare l'espansione per video verifica



1. Vite opzionale (utilizzata per fissare il guscio frontale)
2. LED rosso
3. LED verde
4. LED giallo
5. LED blu
6. Pulsante reset
7. Microinterruttori
8. Tamper anti-apertura
9. Connettore BUS
10. Morsettiera

Figura 2: espansione radio per video verifica

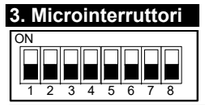
Morsetti (da sinistra a destra)	Descrizione
AUX RED	Alimentazione +13.8V VDC, (connettere alla alimentazione AUX di ProSYS Plus)
COM BLK	Alimentazione 0V comune (connettere alla alimentazione COM di ProSYS Plus)
BUS YEL	Connessione dati del BUS
BUS GRN	Connessione dati del BUS

Note:

1. La distanza massima di cablaggio è 100 metri in modalità comunicazione veloce o 300 metri in comunicazione normale. Per maggiori informazioni su distanze massime e dimensionamento cavi fare riferimento all'Appendice B del manuale Tecnico di ProSYS Plus.

2. Quando si chiude il contenitore utilizzare uno dei tappi vite posizionati sul retro per coprire la vite di chiusura.

3. Microinterruttori



SW1 – SW3	Utilizzati per indirizzare l'espansione
SW4	NA
SW5	Esclusione tamper
SW6	NA
SW7*	Applica una resistenza da 120Ω al bus Off: Disabilitato On: Abilitato
SW8	NA

* Quando si utilizza la tecnologia di comunicazione veloce è obbligatorio abilitare la resistenza da 120Ω solo sull'espansione che si trova più lontana nell'impianto. La resistenza viene applicata tra i morsetti BUS YEL e BUS GRN.

4. LED

LED	Descrizione
Tutti i LED Accesi	Reset espansione
Tutti i LED Accesi tranne il Verde lampeggiante	Inizializzazione espansione
LED Rosso acceso	Nessun problema di Com. Bus
LED Rosso lampeggia lentamente	Problemi di Com. Bus
LED Rosso acceso e Verde lampeggiante	Comunicazione radio in corso sulla sezione Sicurezza
LED Rosso acceso e Blu lampeggiante	Comunicazione radio in corso sulla sezione Video
LED Rosso lampeggia velocemente	Espansione in modalità Bootloader
LED Giallo lampeggia velocemente	Sezione radio Sicurezza in aggiornamento
LED Blu lampeggia velocemente	Sezione radio Video in aggiornamento

5. Programmazione su ProSYS Plus

Le istruzioni seguenti illustrano i passaggi di programmazione principali di ProSYS Plus. Possono essere programmate fino a 16 espansioni su una centrale.

1. Impostare il corretto indirizzo ID dell'espansione usando i microinterruttori [1]-[3]. L'indirizzo di default è 1.
2. Configurare l'espansione (Menu di programmazione tecnica – Tasti rapidi [7 > 1 > 2 > 05]
   Nota: *Se l'espansione è installata all'interno del contenitore della centrale, l'opzione* ***Escludi Tamper*** *deve essere impostata su* ***Si****.*
3. Calibrare l'espansione (Menu di programmazione tecnica – Tasti rapidi [7 > 2 > 1])
4. Memorizzare i dispositivi radio (Menu di programmazione tecnica – Tasti rapidi [7 > 2 > 2]
5. Eseguire un test di comunicazione tra i dispositivi e l'espansione radio (Menu Tecnico > Manutenzione > Test radio).
6. Impostare i parametri dei dispositivi (Zone: Tasti rapidi 2 > 1; Telecomandi: Tasti rapidi 8 > 2 Uscite: Tasti rapidi 3).

6. Specifiche Tecniche

Parametro	Descrizione
Alimentazione	13V +/- 10%
Assorbimento	Normale: 40 mA; max 65 mA
Potenza di trasmissione	**Sicurezza:** 868.65Mhz., 10mW (max) **Video:** 869.525Mhz., 100mW (max)
Immunità RF	Conforme alla EN50130-4
Portata RF	300 metri
Temperatura di funzionamento	Da -10ºC a 55ºC
Temperatura di stoccaggio	Da -20ºC a 60ºC
Dimensioni	125.5 X 78 X 25.5 mm
Frequenze operativa	868.65 MHz, 869.525 MHz, 433 MHz, 916 MHz

7. Informazioni per l'ordine

RP432EWV800A	Espansione radio per video verifica 868/869MHz
RP432EWV400A	Espansione radio per video verifica 433/916MHz

ES

1. Descripción

El Expansor de vídeo inalámbrico bidireccional de ProSYS Plus es una unidad que se utiliza para la transmisión de imágenes desde detectores PIRCAM cuando se conecta al panel de seguridad ProSYS Plus.

Funciones

- Soporte para la gama de sirenas inalámbricas, teclados slim, mandos y detectores de RISCO.
- Hasta 4 teclados Slim inalámbricos bidireccionales
- Hasta 4 sirenas
- Hasta 32 zonas (incluidos PIRCams)
- Hasta 16 mandos multifunción
- Tecnología de código variable
- Detección de inhibición de señal
- Calibración del nivel del umbral
- Tamper posterior y frontal
- Frecuencia central nominal: 868,65 MHz (Seguridad); 869,525 MHz (Vídeo)
- Se puede instalar dentro o fuera de la caja principal de ProSYS Plus
- Hasta 16 expansores de vídeo inalámbricos por sistema ProSYS Plus (hasta 8 expansores de vídeo inalámbricos por BUS)
- Hasta 32 PIRCams por sistema ProSYS Plus (hasta 8 PIRCAMs por expansor)
- Resolución de captura de imágenes VGA y QVGA
- Velocidades de bus automáticas de 9,6/38,4 Kbps

2. Instalación

El Expansor de vídeo inalámbrico se puede montar como una unidad independiente con su caja de plástico o como una placa dentro de la caja principal de policarbonato del ProSYS Plus.

IMPORTANTE Para emplear la transferencia rápida de imágenes, y dado que solo el BUS 4 soporta la velocidad rápida (38,400 bps), el Expansor de vídeo inalámbrico se debe conectar al BUS 4 sin conectar otros dispositivos no compatibles con el BUS rápido.

Paso 1: Selección de la ubicación de montaje

Si se instala en su caja de plástico:

- No instalar el Expansor de vídeo inalámbrico cerca de objetos metálicos y dispositivos generadores de RF como ordenadores o televisores.
- Montar el Expansor de vídeo inalámbrico a una altura mínima de 1,5 m del suelo.
- Montar el Expansor de vídeo inalámbrico centrado y relativamente cerca de las ubicaciones de los transmisores.

Paso 2: Montaje del detector

1. Separar el soporte de montaje de la unidad principal.
2. Usar el soporte de montaje como plantilla de referencia.
3. Quitar los tapones de rosca del orificio del tornillo frontal si es necesario.
4. Montar el soporte en la pared.

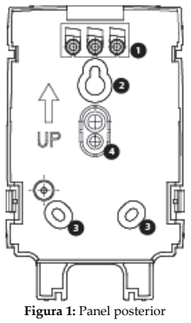
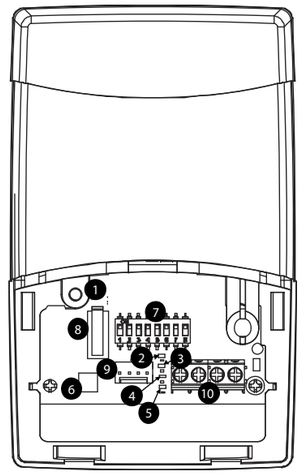


Figura 1: Panel posterior

1. Tapón de rosca
2. Orificio de montaje superior
3. Orificios de montaje inferiores (opcional)
4. Tamper posterior

Paso 3: Cableado del Expansor de vídeo inalámbrico



1. Orificio de tornillo opcional (se usa para apretar las cubiertas frontal y posterior)
2. LED rojo
3. LED verde
4. LED amarillo
5. LED azul
6. Botón de reset
7. Interruptor DIP
8. Tamper de la caja
9. Conector BUS
10. Bloque de terminales de 4 conectores

Figura 2: Expansor de vídeo inalámbrico (sin cubierta)

Terminal (de izquierda a derecha)	Descripción
AUX RED	Alimentación VCC de +13,8 V, (en conexión BUS, conectar a AUX en ProSYS Plus).
COM BLK	0 V común negro (en conexión BUS, conectar a COM en ProSYS Plus)
BUS YEL	Conexión del BUS de datos
BUS GRN	Conexión del BUS de datos

Notas:

1. El máximo recorrido de cable permitido es de 100 metros (velocidad rápida) o 300 metros (velocidad lenta) para el total del cableado del BUS. Para más información sobre el calibre del cable a utilizar, vea Apéndice B del Manual de Instalador de ProSYS Plus.

2. Al cerrar la tapa, usar un tapón de rosca ubicado en la parte trasera para cubrir el tornillo de cierre.

3. Configuración de interruptores DIP

SW1 – SW3	Tres interruptores para definir el ID del Expansor de vídeo inalámbrico
SW4	NA
SW5	Anulación del tamper
SW6	NA
SW7*	Conecta la resistencia fin de línea de 120 Ω al BUS Off: deshabilitado On: habilitado
SW8	NA

* Obligatorio cuando se trabaja a alta velocidad para habilitar la resistencia de terminación de 120 Ω en el Expansor de vídeo inalámbrico que se instala en el extremo más alejado del sistema. La resistencia de fin de línea se encuentra entre el bloque de terminales y los conectores BUS YEL y BUS GRN.

4. Indicaciones de los LED

LED:	Descripción
Todos los LED encendidos	Reinicio del EVI
Todos los LED encendidos excepto LED VERDE INTERMITENTE	Inicialización periférica del EVI
LED ROJO ENCENDIDO	Comunicación Bus correcta
LED ROJO INTERMITENTE lento	Problema de comunicación Bus
LED ROJO ENCENDIDO y LED VERDE INTERMITENTE	Comunicación a través del canal RF de seguridad
LED ROJO ENCENDIDO y LED AZUL INTERMITENTE	Comunicación a través del canal RF de vídeo
LED ROJO INTERMITENTE rápido	EVI en modo de arranque
LED AMARILLO INTERMITENTE rápido	Canal de radio de seguridad en modo de actualización
LED AZUL INTERMITENTE rápido	Canal de radio de vídeo en modo de actualización

5. Programación de pasos en el ProSYS Plus

Las siguientes instrucciones definen los principales pasos de programación en el panel ProSYS Plus usando el Expansor de vídeo inalámbrico. Es posible asignar 16 expansores de vídeo a ProSYS Plus.

1. Definir el ID del expansor de vídeo con los interruptores [1]-[3]. El ID del expansor de vídeo es 1 por defecto.
2. Asignar el Expansor de vídeo inalámbrico al sistema (menú Programación – Tecla rápida [7 > 1 > 2 > 05])
   Nota: *si el Expansor de vídeo inalámbrico se instala dentro de la caja de ProSYS Plus, será preciso definir la opción* ***Anulación del tamper*** *como* ***Sí****.*
3. Calibrar el expansor de vídeo (menú Programación – Tecla rápida [7 > 2 > 1])
4. Asignar el dispositivo inalámbrico (menú Programación – Tecla rápida [7 > 2 > 2])
5. Llevar a cabo un test de comunicación entre el expansor y el dispositivo (menú Principal > Mantenimiento > Test inalámbrico).
6. Definir los parámetros del dispositivo inalámbrico (Zonas: Tecla rápida 2 > 1, Mandos – Tecla rápida 8 > 2) y los parámetros de salida (Tecla rápida 3).

6. Especificaciones técnicas

Parámetro	Descripción
Voltaje de funcionamiento	13 V +/- 10%
Consumo de corriente	Típico: 40 mA; máx 65 mA
Salida de potencia	**Seguridad:** 868,65 MHz: 10 mW (máx) **Cámara:** 869,525 MHz: 100 mW (máx)
Inmunidad RF	Conforme con EN50130-4
Rango (L.O.S)	300 metros
Temperatura de funcionamiento	De -10 ºC a 55 ºC
Temperatura de almacenaje	De -20 ºC a 60 ºC
Dimensiones	125,5 x 78 x 25,5 mm
Frecuencia	868,65 MHz, 869,525 MHz, 433 MHz, 916 MHz

7. Información para pedidos

RP432EWV800A	Expansor de vídeo inalámbrico 868/869MHz
RP432EWV400A	Expansor de vídeo inalámbrico 433/916MHz

RED Compliance Statement:

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. For the CE Declaration of Conformity please refer to our website: www.riscogroup.com

Dichiarazione di Conformità RED:

La sottoscritta RISCO Group, dichiara sotto la propria responsabilità che questo prodotto è conforme ai requisiti essenziali e alle altre rilevanti disposizioni della Direttiva Europea 2014/53/EU.
Per le Dichiarazioni di Conformità CE, visitate il nostro sito web: www.riscogroup.com

Declaración de Conformidad RED :

Por la presente, RISCO Group declara que este equipo cumple con los requisitos esenciales y otras disposiciones relevantes de la Directiva 2014/53/EU. Para la Declaración de Conformidad CE, por favor diríjase a nuestra web: www.riscogroup.com.

Standard Limited Product Warranty ("Limited Warranty")

RISCO Ltd. ("**RISCO**") guarantee RISCO's hardware products ("**Products**") to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the "**Warranty Period**"). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new.
Contact with customers only. This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO's customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO's authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO's authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual privy with, any recipient of a Product.
Remedies. In the event that a material defect in a Product is discovered and reported to RISCO during the Warranty Period, RISCO shall accept return of the defective Product in accordance with the below RMA procedure and, at its option, either (i) repair or have repaired the defective Product, or (ii) provide a replacement product to the customer.
Return Material Authorization. In the event that you need to return your Product for repair or replacement, RISCO will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your Product without prior approval from RISCO. Any Product returned without a valid, unique RMA# will be refused and returned to the sender at the sender's expense. The returned Product must be accompanied with a detailed description of the defect discovered ("**Defect Description**") and must otherwise follow RISCO's then-current RMA procedure published in RISCO's website at www.riscogroup.com in connection with any such return. If RISCO determines in its reasonable discretion that any Product returned by customer conforms to the applicable warranty ("**Non-Defective Product**"), RISCO will notify the customer of such determination and will return the applicable Product to customer at customer's expense. In addition, RISCO may propose and assess customer a charge for testing and examination of Non-Defective Product.
Entire Liability. The repair or replacement of Products in accordance with this Limited Warranty shall be RISCO's entire liability and customer's sole and exclusive remedy in case a material defect in a Product is discovered and reported as required herein. RISCO's obligation and this Limited Warranty are contingent upon the full payment by customer for such Product and upon a proven weekly testing and examination of the Product functionality.
Limitations. This Limited Warranty is the only warranty made by RISCO with respect to the Products. The warranty is not transferable to any third party. To the maximum extent permitted by applicable law, this Limited Warranty shall not apply and will be void if: (i) the conditions set forth above are not met (including, but not limited to, full payment by customer for the Product and a proven weekly testing and examination of the Product functionality); (ii) if the Products or any part or component thereof: (a) have been subjected to improper operation or installation; (b) have been subject to neglect, abuse, willful damage, abnormal working conditions, failure to follow RISCO's instructions (whether oral or in writing); (c) have been misused, altered, modified or repaired without RISCO's written approval or combined with, or installed on products, or equipment of the customer or of any third party; (d) have been damaged by any factor beyond RISCO's reasonable control such as, but not limited to, power failure, electric power surges, or unsuitable third party components and the interaction of software therewith or (e) any failure or delay in the performance of the Product attributable to any means of communication provided by any third party service provider, including, but not limited to, GSM interruptions, lack of or internet outage and/or telephony failure. BATTERIES ARE EXPLICITLY EXCLUDED FROM THE WARRANTY AND RISCO SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN RELATION THERETO, AND THE ONLY WARRANTY APPLICABLE THERETO, IF ANY, IS THE BATTERY MANUFACTURER'S WARRANTY. RISCO does not install or integrate the Product in the end user's security system and is therefore not responsible for and cannot guarantee the performance of the end user's security system which uses the Product or which the Product is a component of.
This Limited Warranty applies only to Products manufactured by or for RISCO. Further, this Limited Warranty does not apply to any software (including operating system) added to or provided with the Products or any third-party software, even if packaged or sold with the RISCO Product. Manufacturers, suppliers, or third parties other than RISCO may provide their own warranties, but RISCO, to the extent permitted by law and except as otherwise specifically set forth herein, provides its Products "AS IS". Software and applications distributed or made available by RISCO in conjunction with the Product (with or without the RISCO brand), including, but not limited to system software, as well as P2P services or any other service made available by RISCO in relation to the Product, are not covered under this Limited Warranty. Refer to the Terms of Service at: https://riscocloud.com/ELAS/WebUI/UserLogin/License for details of your rights and obligations with respect to the use of such applications, software or any service. RISCO does not represent 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. A properly installed and maintained alarm may only reduce the risk of a burglary, robbery or fire without warning, but it is not insurance or a guarantee that such will not occur or will not cause or lead to personal injury or property loss. CONSEQUENTLY, RISCO SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON ANY CLAIM AT ALL INCLUDING A CLAIM THAT THE PRODUCT FAILED TO GIVE WARNING.
EXCEPT FOR THE WARRANTIES SET FORTH HEREIN, RISCO AND ITS LICENSORS HEREBY DISCLAIM ALL EXPRESS, IMPLIED OR STATUTORY, REPRESENTATIONS, WARRANTIES, GUARANTEES, AND CONDITIONS WITH REGARD TO THE PRODUCTS, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATIONS, WARRANTIES, GUARANTEES, AND CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS, TO THE EXTENT PERMITTED BY LAW. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, RISCO AND ITS LICENSORS DO NOT REPRESENT OR WARRANT THAT: (I) THE OPERATION OR USE OF THE PRODUCT WILL BE TIMELY, SECURE, UNINTERRUPTED OR ERROR-FREE; (ii) THAT ANY FILES, CONTENT OR INFORMATION OF ANY KIND THAT MAY BE ACCESSED THROUGH THE PRODUCT SHALL REMAIN SECURED OR NON DAMAGED. CUSTOMER ACKNOWLEDGES THAT NEITHER RISCO NOR ITS LICENSORS CONTROL THE TRANSFER OF DATA OVER COMMUNICATIONS FACILITIES, INCLUDING THE INTERNET, GSM OR OTHER MEANS OF COMMUNICATIONS AND THAT RISCO'S PRODUCTS, MAY BE SUBJECT TO LIMITATIONS, DELAYS, AND OTHER PROBLEMS INHERENT IN THE USE OF SUCH MEANS OF COMMUNICATIONS. RISCO IS NOT RESPONSIBLE FOR ANY DELAYS, DELIVERY FAILURES, OR OTHER DAMAGE RESULTING FROM SUCH PROBLEMS. RISCO WARRANTS THAT ITS PRODUCTS DO NOT, TO THE BEST OF ITS KNOWLEDGE, INFRINGE UPON ANY PATENT, COPYRIGHT, TRADEMARK, TRADE SECRET OR OTHER INTELLECTUAL PROPERTY RIGHT IN ANY EVENT RISCO SHALL NOT BE LIABLE FOR ANY AMOUNTS REPRESENTING LOST REVENUES OR PROFITS, PUNITIVE DAMAGES, OR FOR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF THEY WERE FORESEEABLE OR RISCO HAS BEEN INFORMED OF THEIR POTENTIAL.

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This RISCO product was purchased at:

Complies with:EN50131-3,EN50131-5-3 Grade2 Environmental Class II, PD 6662:2017

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