



FR

Extension sans fil photo bidirectionnelle – Instructions d'installation

PR

Expansor de vídeo sem fios bidirecional Instruções de instalação

NL

2-Weg Draadloze Video uitbreiding Installatie Instructies

Modèle/Modelo/Model: RP432EWV

FR

1. Description

L’extension sans fil photo bidirectionnelle ProSYS Plus est un matériel utilisé pour permettre la transmission d’images des détecteurs photo RISCO lorsqu’elle est connectée à une centrale de sécurité ProSYS Plus.

Principales fonctionnalités

- Prise en charge des sirènes sans fil, claviers Slim, télécommandes et détecteurs RISCO.
- Jusqu’à 4 claviers Slim sans fil bidirectionnels
- Jusqu’à 4 sirènes
- Jusqu’à 32 zones (Détecteurs Photo inclus)
- Jusqu’à 16 télécommandes multifonctions
- Technologie à code tournant
- Détection de brouillage
- Calibrage du niveau seuil
- Détection d’autoprotection à l’ouverture et à l’arrachement
- Fréquence centrale nominale : 868.65 MHz (sécurité) ; 869.525 MHz (photo)
- Installation possible à l’intérieur ou à l’extérieur du boîtier principal ProSYS Plus
- Jusqu’à 16 extensions sans fil photo par système ProSYS Plus (jusqu’à 8 par Bus)
- Jusqu’à 32 détecteurs photo par système ProSYS Plus (jusqu’à 8 détecteurs photo par extension sans fil photo)
- Résolutions des images VGA et QVGA
- Vitesses de bus automatiques de 9600/38400 bit/s

2. Installation

Il est possible d’installer l’extension sans fil photo comme matériel autonome avec son boîtier en plastique ou en tant que carte électronique à l’intérieur du boîtier principal en polycarbonate du système ProSYS Plus.

IMPORTANT ! Pour un transfert d’images rapide et dans la mesure où seul le bus 4 prend en charge les vitesses élevées (38 400 bit/s), l’extension sans fil photo doit être connectée au bus 4 sans connecter d’autres périphériques non compatibles avec la fonction Bus rapide.

Étape 1 : Sélection de l'emplacement d’installation

Installation dans son boîtier en plastique :

- N’installez pas l’extension sans fil photo à proximité d’objets métalliques et d’appareils générant des radiofréquences, notamment des téléviseurs ou des ordinateurs.
- Installez l’extension sans fil photo à au moins 1,5 m au-dessus du sol.
- Installez l’extension sans fil photo à proximité de l’émetteur-récepteur et de manière relativement centrée par rapport à celui-ci.

Étape 2 : Installation de l’extension

1. Séparez le support de montage de l’unité principale.
2. Utilisez le support de montage comme gabarit.
3. Retirez les bouchons de vis avant si nécessaire.
4. Montez le support au mur.

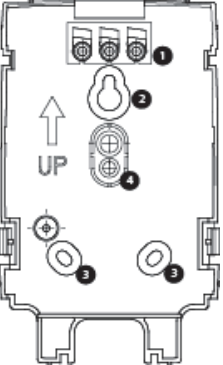
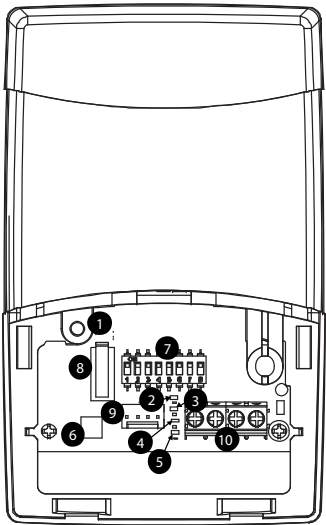


Figure 1 : Support de montage

1. Bouchon de vis
2. Trou de montage supérieur
3. Trous de montage inférieurs (facultatifs)
4. Autoprotection à l’arrachement

Étape 3 : Câblage de l'extension sans fil photo



1. Trou de vis facultative (pour fixer les caches avant et arrière)
2. Voyant rouge
3. Voyant vert
4. Voyant jaune
5. Voyant bleu
6. Bouton de réinitialisation
7. DIP Switch
8. Autoprotection boîtier
9. Connecteur de bus
10. Bornier à 4 broches

Figure 2 : Extension sans fil photo (sans le cache)

Borne (de gauche à droite)	Description
AUX RED	Alimentation +13,8 V c.c., (en mode connexion de bus, se connecter à la borne AUX sur le système ProSYS Plus).
COM BLK	Commun noir 0 V (en mode connexion de bus, se connecter à la borne COM sur le système ProSYS Plus)
BUS YEL	Connexion du bus de données
BUS GRN	Connexion du bus de données

Remarques :

1. La longueur de câble maximale autorisée est de 100 mètres en vitesse élevée et de 300 mètres en vitesse lente pour la totalité du câblage bus. Pour les informations de câbles à utiliser, reportez-vous à l’annexe B du Manuel d’Installation de la ProSYS Plus..
2. Lorsque vous fermez le cache, utilisez le bouchon de vis situé sur le côté arrière pour couvrir la vis de fermeture.

3. Configuration des DIP Switchs



SW1 – SW3	Trois interrupteurs pour régler l’ID de l’extension sans fil photo
SW4	N/A
SW5	Exclusion autoprotection
SW6	N/A
SW7*	Pour connecter la résistance de terminaison de 120 Ω au bus Off : désactivé On : activé
SW8	N/A

* Obligatoire en mode vitesse élevée pour activer la résistance de terminaison de 120 Ω dans l’extension sans fil photo installée à l’extrémité la plus éloignée dans le système. La résistance de terminaison est située entre le bornier, BUS YEL et BUS GRN.

4. Indication des LEDs

LED	Description
Toutes les LEDs sont allumées	Réinitialisation de l’extension
Toutes les LEDs sont allumées, sauf la LED verte qui clignote	Initialisation de l’extension
La LED rouge est allumée	Communication Bus OK
La LED rouge clignote lentement	Communication Bus en défaut
La LED rouge est allumée et la LED verte clignote	Communication via le canal de sécurité RF
La LED rouge est allumée et la LED bleue clignote	Communication via le canal photo RF
La LED rouge clignote rapidement	Extension en mode de démarrage
La LED jaune clignote rapidement	Radio sécurité en mode de mise à jour
La LED bleue clignote rapidement	Radio photo en mode de mise à jour

5. Procédure de programmation dans une ProSYS Plus

Procédez comme suit pour programmer la centrale ProSYS Plus avec une extension sans fil photo. Vous pouvez adresser 16 extensions sans fil photo au système ProSYS Plus.

1. Définissez l’ID de l’extension sans fil photo à l’aide des DIP Switch [1]-[3]. Par défaut, l’ID de l’extension sans fil photo est défini sur 1.
2. Adressez l’extension sans fil photo au système (menu Programmation – Touche rapide [7 > 1 > 2 > 05]).
- Remarque : si l’extension sans fil photo est installée à l’intérieur du boîtier ProSYS Plus, réglez le DIP switch d’Exclusion autoprotection sur Oui.*
3. Calibrez l’extension sans fil photo (menu Programmation – Touche rapide [7 > 2 > 1]).
4. Adressez les périphériques sans fil (menu Programmation – Touche rapide [7 > 2 > 2]).
5. Effectuez un test de communication entre l’extension et les périphériques (Menu principal > Maintenance > Test sans fil).
6. Configurez les paramètres des périphériques sans fil (Zones : Touche rapide 2 > 1, Télécommandes – Touche rapide 8 > 2) et les paramètres de sorties (Touche rapide 3).

6. Caractéristiques techniques

Paramètre	Description
Tension de fonctionnement	13 V +/- 10 %
Consommation électrique	Typique : 40 mA; max 65 mA
Puissance de sortie	Sécurité : 868,65 MHz : 10 mW (max) Photo : 869.525 MHz : 100 mW (max)
Immunité RF	Conforme à la norme EN50130-4
Portée (Champ libre)	300 mètres
Température de fonctionnement	-10 °C à 55 °C
Température de stockage	-20 °C à 60 °C
Dimensions	125,5 x 78 x 25,5 mm
Fréquence	868.65 MHz, 869.525 MHz, 433 MHz, 916 MHz

7. Informations de commande

RP432EWV800A	Extension sans fil photo 868/869 MHz
RP432EWV400A	Extension sans fil photo 433/916 MHz

PR

1. Descrição

O expansor de vídeo sem fios bidirecional ProSYS Plus é uma unidade que se utiliza para permitir a transmissão de imagens dos detetores PirCam da Risco quando conectados ao painel de segurança ProSYS Plus.

Características

- Compatível com as linhas de sirenes sem fios, teclados slim, controlos remotos e detetores da RISCO.
- Até 4 teclados slim sem fios bidirecionais
- Até 4 sirenes
- Até 32 zonas (incluindo câmaras PIR)
- Até 16 controlos remotos multifuncionais
- Tecnologia de código dinâmico
- Deteção de bloqueio de sinal
- Calibração do nível-limite
- Deteção de violação traseira e frontal
- Frequência central nominal: 868,65 MHz (segurança); 869,525 MHz (vídeo)
- Instalável dentro ou fora do gabinete principal do ProSYS Plus
- Até 16 expansores de vídeo sem fios por sistema ProSYS Plus (8 Expansores de vídeo por Bus)
- Até 32 câmaras PIR por sistema ProSYS Plus (até 8 PirCam por Expansor)
- Resolução de captação de imagem VGA e QVGA
- Velocidades de Bus automáticas de 9,6/38,4 Kbps

2. Instalação

O expansor de vídeo sem fios pode ser instalado como uma unidade separada com sua caixa de plástico ou como PCB dentro da caixa principal de polycarbonato da ProSYS Plus.

IMPORTANTE! Para transferência rápida de imagens, o expansor de vídeo sem fios deve ser conectado ao BUS 4, que é o único que suporta alta velocidade (38.400 bps), e não devem ser conectados outros dispositivos que não sejam compatíveis com Bus rápido.

Passo 1: Seleção do local de instalação

Quando instalado na caixa de plástico:

- Não instale o expansor de vídeo sem fios próximo a objetos de metal e dispositivos que geram radiofrequência, como televisores ou computadores.
- Instale o expansor de vídeo sem fios a uma altura de pelo menos 1,5 m (5 pés) acima do chão.
- Instale o expansor de vídeo sem fios relativamente próximo e centralizado em relação aos locais dos transmissores.

Passo 2: Instalação do detetor

1. Separe o suporte de instalação da unidade principal.
2. Use o suporte de instalação como modelo de marcação.
3. Retire as tampas de rosca, conforme necessário, para cobrir o furo de parafuso frontal.
4. Instale o suporte na parede.

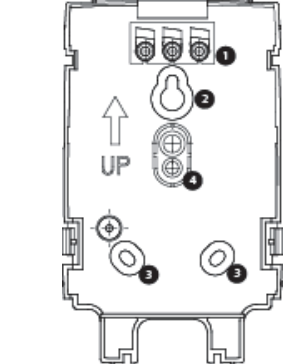
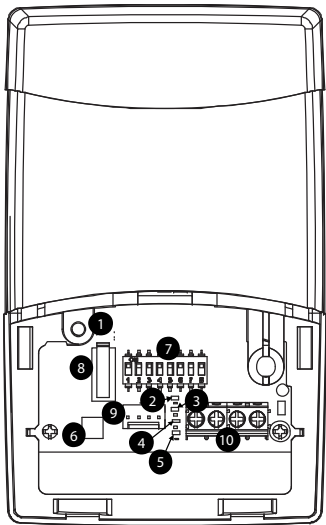


Figura 1: Painel traseiro

1. Tampa de rosca
2. Furo de instalação superior
3. Furos de instalação inferiores (opcionais)
4. Proteção antivolação traseira

Passo 3: Cablagem do expansor de vídeo sem fios



1. Furo de parafuso opcional (usado para fixar as tampas frontal e traseira)
2. LED vermelho
3. LED verde
4. LED amarelo
5. LED azul
6. Botão de reset (redefinição)
7. Chave DIP
8. Proteção antivolação da caixa
9. Conector de Bus
10. Bloco de terminais de 4 pinos

Figura 2: Esquema do expansor de vídeo sem fios (sem tampa)

Terminal (da direita para a esquerda)	Descrição
AUX RED (vermelho auxiliar)	Alimentação de +13,8 V CC (na conexão de Bus, conecte ao AUX [auxiliar] no ProSYS Plus).
COM BLK (preto comum)	Preto comum de 0 V (na conexão de Bus, conecte ao COM [comum] no ProSYS Plus)
BUS YEL (amarelo do Bus)	Conexão de dados do Bus
BUS GRN (verde do Bus)	Conexão de dados do Bus

Notas:

1. A extensão máxima do cabo permitida é de 100 metros (330 pés) em velocidade alta ou de 300 metros (1.000 pés) em velocidade baixa para a cablagem total do Bus, para obter a informação sobre o tipo de cabo a utilizar consulte o manual de instalação da ProSYS Plus. Apêndice B
2. Ao fechar a tampa, utilize uma tampa de rosca localizada na parte traseira para tapar o parafuso de fecho.



LIGADO

CH1 – CH3	Três chaves para definir o ID do expansor de vídeo sem fios
CH4	N/D
CH5	Ignorar violação
CH6	N/D
CH7*	Conecta a resistência de terminação de 120Ω ao Bus Desligado: desabilitar Ligado: habilitar
CH8	N/D

* Obrigatório ao funcionar em alta velocidade para habilitar a resistência de terminação de 120Ω no expansor de vídeo sem fios que esteja instalado na extremidade mais afastada do sistema. A resistência de terminação fica entre o bloco de terminais, o BUS YEL (amarelo do Bus) e o BUS GRN (verde do Bus).

4. Indicacão dos LEDs

LED	Descrição
Todos os LEDs ACESOS	Redefinição do expansor
Todos os LEDs ACESOS, exceto LED VERDE PISCANDO	Inicialização de periférico do expansor
LED VERMELHO ACESO	Comunicação BUS OK
LED VERMELHO A PISCAR lentamente	Em modo Programação ou problemas de comunicação no Bus
LED VERMELHO ACESO e LED VERDE intermitente	Comunicação via canal de segurança de RF
LED VERMELHO ACESO e LED AZUL intermitente	Comunicação via canal de vídeo de RF
LED VERMELHO A PISCAR rápido	Expansor no modo de carregador de inicialização
LED AMARELO A PISCAR rápido	Segurança rádio está no modo de atualização
LED AZUL A PISCAR rápido	Vídeo Rádio está no modo de atualização

5. Etapas de programação no ProSYS Plus

As instruções a seguir indicam as principais etapas de programação do painel ProSYS Plus usando o expansor de vídeo sem fios. Podem ser registados até dezasseis expansores de vídeo na ProSYS Plus.

- Defina o ID do expansor de vídeo usando as chaves [1]-[3]. Por padrão, o ID do expansor de vídeo é definido como 1.
- Atribua o expansor de vídeo sem fios ao sistema (Programming menu [Menu de programação] – Teclas rápidas [7 > 1 > 2 > 05]).
*Nota: Se o expansor de vídeo sem fios estiver instalado dentro da caixa da ProSYS Plus, a opção **Bypass Tamper** (Ignorar violação) deve ser definida como Yes (Sim).*
- Calibre o expansor de vídeo (Programming menu [Menu de programação] – Teclas rápidas [7 > 2 > 1]).
- Atribua o dispositivo sem fios (Programming menu [Menu de programação] – Teclas rápidas [7 > 2 > 2]).
- Execute o teste de comunicação entre o expansor e o dispositivo (Main menu [Menu principal] > Maintenance [Manutenção] > Wireless Test [Teste wireless]).
- Defina os parâmetros do dispositivo sem fios (Zones [Zonas]: Teclas rápidas 2 > 1, Keyfobs [Controlos remotos] – Teclas rápidas 8 > 2) e os parâmetros de saída (tecla rápida 3).

6. Especificações técnicas

Parâmetro	Descrição
Tensão de operação	13 V +/- 10%
Consumo de corrente	Típica: 40 mA; máx.: 65 mA
Potência de saída	Segurança: 868,65 MHz: 10 mW (máx.) Câmera: 869,525 MHz: 100 mW (máx.)
Imunidade a RF	Em conformidade com a EN50130-4
Alcance (linha de visão)	300 metros
Temperatura de funcionamento	-10 °C a 55 °C (14 °F a 131 °F)
Temperatura de armazenamento	-20 °C a 60 °C (-4 °F a 140 °F)
Tamanho	125,5 X 78 X 25,5 mm (4,94 X 3,07 X 1 pol.)
Frequência	868,65 MHz, 869,525 MHz, 433 MHz, 916 MHz

7. Informações sobre pedidos

RP432EWV800A	Expansor de vídeo sem fios de 868/869 MHz
RP432EWV400A	Expansor de vídeo sem fios de 433/916 MHz



1. Beschrijving

De ProSYS Plus 2-Weg Draadloze Video uitbreiding is een unit welke gebruikt kan worden om foto's door te sturen van RISCO PIR camera detectoren wanneer deze verbonden zijn met een ProSYS Plus paneel.

Beschikbare functies

- Ondersteuning voor RISCO's gamma van draadloze sirenes, slim keypads, afstandsbedieningen en detectoren.
- Max. 4 2-Weg draadloze slim keypads
- Max. 4 sirens
- Max. 32 zones (inclusief PIR Camera's)
- Max. 16 multi-funcionele afstandsbedieningen
- Rolling code technologie
- Detectie tegen Jamming van het signaal
- Threshold level kalibratie
- Sabotage detectie (voor- en achterzijde)
- Nominale center frequentie: 868.65 MHz (Security); 869.525 MHz (Video)
- Kan geïnstalleerd worden buiten of binnen de ProSYS Plus behuizing
- Max. 16 DL Video uitbreidingen per ProSYS Plus systeem (Max. 8 DL Video uitbreidingen per bus)
- Max. 32 PIR Camera's per ProSYS Plus systeem (Max. 8 PIR Camera's per DL Video uitbreiding)
- VGA en QVGA resolutie voor de foto's
- Automatische bus snelheid 9.6/38.4 Kbps

2. Installatie

De DL Video uitbreiding kan geïnstalleerd worden als een aparte unit met de plastic behuizing of als PCB in de ProSYS Plus polycarbonaat behuizing.

BELANGRIJK! Voor een snelle beeldoverdracht en omdat alleen bus 4 de hoge snelheid (38,400 bps) ondersteunt, moet de DL Video uitbreiding op bus 4 worden aangesloten, zonder andere apparaten die de hoge bus snelheid niet ondersteunen.

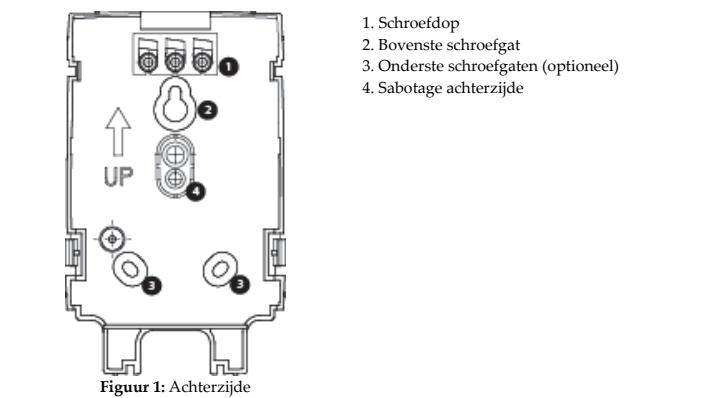
Stap 1: Bepalen van de installatielocatie

Bij installatie in de plastic behuizing :

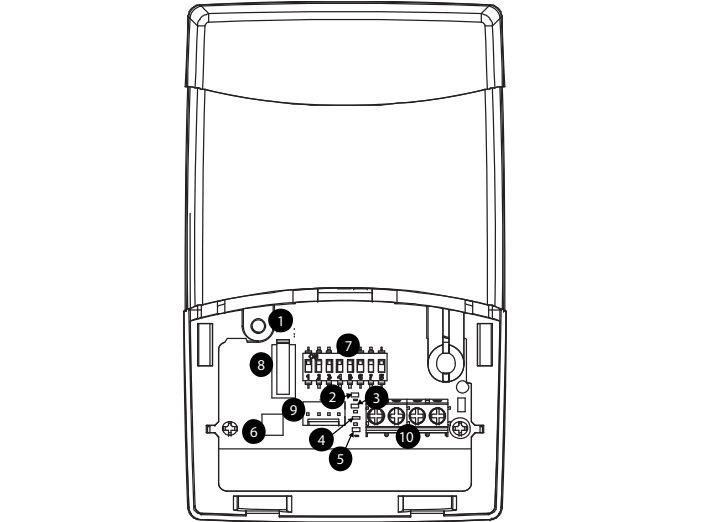
- Installeer de DL Video uitbreiding niet dichtbij metalen objecten en apparatne die een RF-signaal genereren zoals TV's of computers.
- Installeer de DL Video uitbreiding op een minimum hoogte van 1.5 m (5 ft) tov de vloer.
- Installeer de DL Video uitbreiding zo dicht mogelijk tegen en centraal van de zenders.

Stap 2: Installeren van de uitbreiding

- Ontkoppel de achterplaat van de hoofdprint.
- Gebruik de achterplaat als sjabloon voor de gaten.
- Breek de schroefkopjes los, welke u kan gebruiken om de schroefgaten te bedekken.
- Installeer de achterplaat op de muur.



Stap 3: Aansluiten van de DL Video uitbreiding



- Optioneel schroefgat (gebruikt om de voorzijde en de achterzijde te vergrendelen)
- Rode LED
- Groene LED
- Gele LED
- Blauwe LED
- Reset knop
- DIP switch
- Sabotageschakelaar
- Bus Connector
- 4-pin's aansluitklem

Figuur 2: DL Video uitbreiding Layout (zonder cover)

Aansluitklem (links naar rechts)	Beschrijving
AUX RED	+13.8V voeding VDC, (bij een bus verbinding aansluiten op de AUX van de ProSYS Plus).
COM BLK	Zwart 0V common (Bij een bus verbinding aansluiten op de COM van de ProSYS Plus)
BUS YEL	Data bus verbinding
BUS GRN	Data bus verbinding

Opmerkingen:

- De maximale draadlengte welke toegelaten is, is 100 meter (330 feet) voor hoge snelheid of 300 meter (1,000 feet) voor trage snelheid voor de totale buslengte. Voor de aanbevolen draaddikte informatie, gelieve de ProSYS Plus Installateur handleiding te raadplegen, Appendix B.
- Bij het sluiten van de cover gebruikt u de schroefkop welke zich op de achterzijde bevindt om de afsluitschroef te bedekken.

3. DIP Switch Configuratie

ON

1

2

3

4

5

6

7

8

SW1 – SW3	Drie switchen om het ID van de DL Video uitbreiding in te stellen
SW4	Niet gebruikt
SW5	Sabotage overbruggen
SW6	Niet gebruikt
SW7*	Verbind een 120Ω eindelusweerstand op de bus Uit: Gedeactiveerd Aan: Geactiveerd
SW8	Niet gebruikt

* Verplicht, wanneer er gewerkt wordt met de hoge snelheid, om de 120Ω eindelusweerstand te activeren bij de verste DL Video uitbreiding en in het systeem. De eindelusweerstand bevindt zich tussen de aansluitklemmen BUS YEL en BUS GRN.

4. LED's Indicatie

LED	Beschrijving
Alle LED's AAN	DVU reset
Alle LED's AAN behalve GROENE LED KNIPPERT	DVU initialisatie
RODE LED AAN	BUS communicatie OK
RODE LED KNIPPERT traag	In Prog mode OF Bus Communicatie fout
RODE LED AAN en GROENE LED KNIPPERT	Communicatie via RF security kanaal
RODE LED AAN en BLAUWE LED KNIPPERT	Communicatie via RF video kanaal
RODE LED KNIPPERT snel	DVU is in bootloader mode
GELE LED KNIPPERT snel	Security radio is in update mode
BLAUWE LED KNIPPERT snel	Video radio is in update mode

5. Programmeer stappen in de ProSYS Plus

De volgende instructies beschrijven de hoofdstappen voor de programmering bij het ProSYS Plus paneel bij gebruik van de draadloze Video uitbreiding. Zestien video uitbreidingen kunnen aangeleerd worden op de ProSYS Plus.

- Stel de ID van de Video uitbreiding in via de switches [1]-[3]. De ID van de Video uitbreiding is standaard ingesteld op 1.
- Aanleren van de DL Video uitbreiding op het systeem (Programming menu – Sneltoets [7 > 1 > 2 > 05])
*Opmerking: Wanneer de DL Video uitbreiding in de behuizing geïnstalleerd wordt dient de u de **Sabotage overbrugging** in te stellen als Ja.*
- Kalibreer de Video uitbreiding (Programming menu – Sneltoets [7 > 2 > 1])
- Aanleren draadloos apparaat (Programming menu – Sneltoets [7 > 2 > 2])
- Voor een communicatietest uit tussen de uitbreiding en het apparaat (Hoofdmenu > Onderhoud > Draadloze Test).
- Stel de DL parameters in van het apparaat (Zones: Sneltoets 2 > 1, Afstandsbediening – sneltoets 8 > 2) en de uitgang parameters (Sneltoets 3).

6. Technische Specificaties

Parameter	Beschrijving
Bedrijfsspanning	13V +/- 10%
Stroomverbruik	Typisch: 40 mA; max 65 mA
Vermogen	Security: 868.65Mhz:10mW (max) Camera: 869.525Mhz: 100mW (max)
RF Immuniteit	Volgens EN50130-4
Afstand (L.O.S)	300 meter
Werkingstemperatuur	-10°C tot 55°C (14°F tot 131°F)
Opslagtemperatuur	-20°C tot 60°C (-4°F tot 140°F)
Afmetingen	125.5 X 78 X 25.5 mm (4.94 X 3.07 x 1 inch)
Frequentie	868.65 MHz, 869.525 MHz, 433 MHz, 916 MHz

7. Bestelinformatie

RP432EWV800A	Draadloze Video uitbreiding 868/869MHz
RP432EWV400A	Draadloze Video uitbreiding 433/916MHz

Rapport de Conformité de RED:

Par la présente, RISCO Group, déclare cet équipement est en conformité aux conditions essentielles et à d'autres dispositions appropriées de la directive 2014/53/EU. Vous pouvez trouver la copie complète de la déclaration de conformité à la directive 2014/53/EU sur notre site web, à l'adresse suivante : www.riscogroup.com.

Declaração de conformidade RED:

Por meio deste, o RISCO Group declara que o seu equipamento está em conformidade com as necessidades essenciais e outras provisões relevantes da diretiva 2014/53/EU. I Para ver a declaração de conformidade CE, por favor consulte o nosso website: www.riscogroup.com.

RED conformiteitsverklaring:

RISCO Group bevestigt dat dit product in lijn is met de essentiële verplichtingen en andere belangrijke voorzieningen van de 2014/53/EU richtlijnen. Voor de conformiteitsverklaring zie onze website: 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 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 privity 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.

Contacting RISCO Group

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

Belgium (Benelux) Tel: +32-2522-7622 support-be@riscogroup.com	Italy Tel: +39-02-66590054 support-it@riscogroup.com	USA Tel: +1-631-719-4400 support-usa@riscogroup.com
China (Shanghai) Tel: +86-21-52-39-0066 support-cn@riscogroup.com	Spain Tel: +34-91-490-2133 support-es@riscogroup.com	Israel Tel: +972-3-963-7777 support@riscogroup.com
France Tel: +33-164-73-28-50 support-fr@riscogroup.com	United Kingdom Tel: +44-(0)-161-655-5500 support-uk@riscogroup.com	

This RISCO product was purchased at:



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



© RISCO Group

All rights reserved. No part of this document may be reproduced in any form without prior written permission from the publisher.

© RISCO Group 06/20

5IN2902