

VUpoint

Network Video Recorder



Models: RVNVR04/ RVNVR08/ RVNVR16



Installation Guide

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VUpoint

Network Video Recorder



Models: RVNVR04/ RVNVR08/ RVNVR16

EN

Installation Guide

Safety Precautions

These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss.

WARNINGS:

- Installation or usage of this product that is not in accordance with the intended use as defined by the supplier and as described in the instructional materials can result in damage, injury, or death.
- Make sure this product is not accessible by children and those for whom operation of the system is not intended.
- All installation and operation should conform to your local electrical safety codes. The power shall conform to the requirement in the SELV (Safety Extra Low Voltage) and the Limited power source is rated 12V DC in the IEC60950-1.
- If the device is permanently connected to an electrical power supply, then the connection should include an easily-accessible disconnection device, such as a circuit breaker. Do not connect the two power supplying sources to the device at the same time; it may result in device damage!
- Do not ever attempt to repair your device by yourself, as doing so could result in damage, injury or death – always contact your installer / supplier agent for service.

CAUTIONS:

- Make sure the power supply voltage is correct before using the NVR.
- Do not drop the NVR or subject it to physical shock.
- To avoid heat accumulation, good ventilation is required for a proper operating environment.
- Keep the NVR away from water and any liquid.
- While shipping, the NVR should be packed in its original packing.

NOTE: We assume no liability or responsibility for all the fires or electrical shock caused by improper handling or installation. We are not liable for any problems caused by unauthorized modification or attempted repair.

Introduction

Thank you for purchasing the RVNVR04/RVNVR08/ RVNVR16 Network Video Recorder.

This Quick Start Guide will help you become familiar with your NVR in a very short time.

Components and Accessories

NVR:



Installation Guide

RVNVR04/RVNVR16 NVR Rear Panel Components

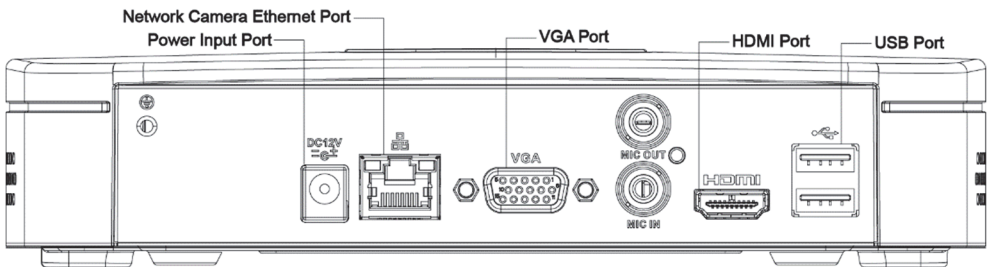


Figure 1 RVNVR04/RVNVR16 NVR Components

RVNVR08 NVR Rear Panel Components

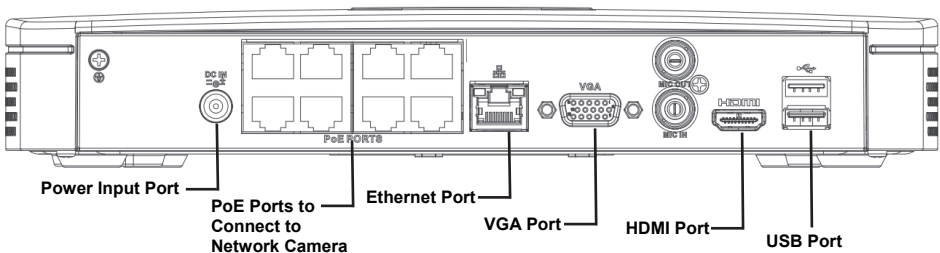


Figure 2 RVNVR08 NVR Components

HDD Installation



DANGER

Shut down the device and then unplug the power cable before you open the case to replace the HDD!

All figures listed below are for reference only!

For first time installation, please check if the HDD was previously installed.
Please use HDD of 7200rpm or higher.



① Loosen the screws on the bottom of the chassis.



② Align the HDD with the four holes in the bottom.



③ Turn the device upside down and then secure the screws (supplied) firmly.



④ Connect the Data cable and power cable to the HDD and the mainboard respectively.



⑤ Put back the cover and then attach the screws to the rear panel. The installation is complete.

NVRs and the RISCO Cloud Installer Application

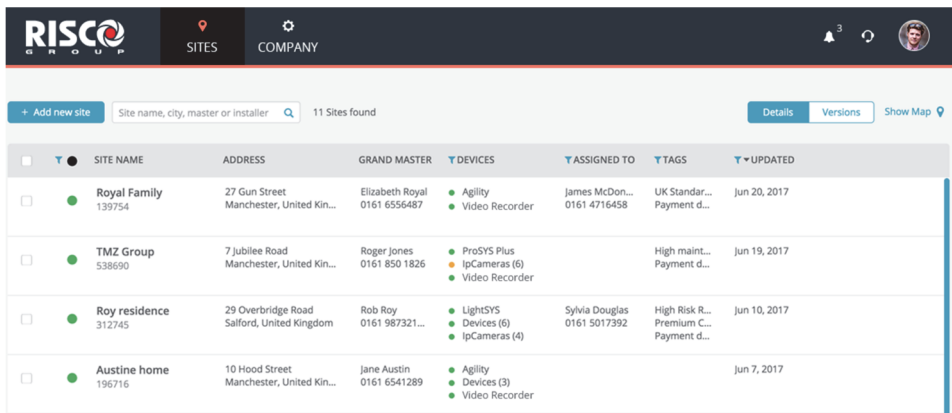
The RISCO Cloud Installer Application provides an interface to your NVR. This enables you to add an NVR or edit an existing one.

IMPORTANT – An NVR must first be physically installed before adding the NVR to the system.

Adding an NVR

To add an NVR:

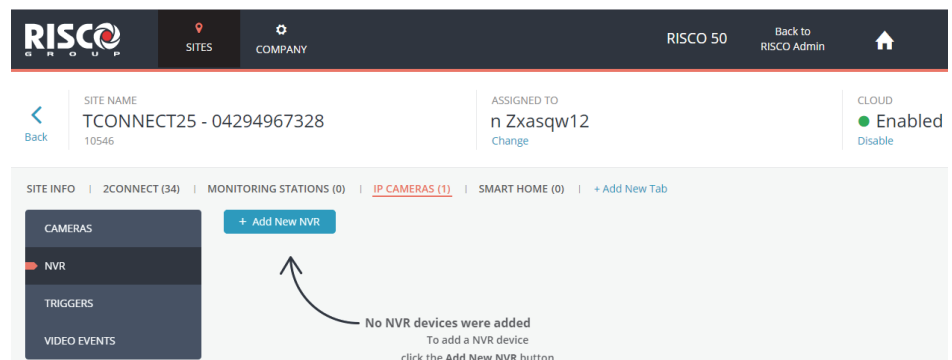
1. Log into the RISCO Cloud Installer Web Interface (for instructions, refer to the RISCO Cloud Quick Installer Guide).



<input type="checkbox"/>	Y ●	SITE NAME	ADDRESS	GRAND MASTER	DEVICES	ASSIGNED TO	TAGS	UPDATED
<input type="checkbox"/>	●	Royal Family 139754	27 Gun Street Manchester, United Kin...	Elizabeth Royal 0161 6556487	● Agility ● Video Recorder	James McDon... 0161 4716458	UK Standar... Payment d...	Jun 20, 2017
<input type="checkbox"/>	●	TMZ Group 538690	7 Jubilee Road Manchester, United Kin...	Roger Jones 0161 850 1826	● ProSYS Plus ● IpCameras (6) ● Video Recorder		High maint... Payment d...	Jun 19, 2017
<input type="checkbox"/>	●	Roy residence 312745	29 Overbridge Road Salford, United Kingdom	Rob Roy 0161 987321...	● LightSYS ● Devices (6) ● IpCameras (4)	Sylvia Douglas 0161 5017392	High Risk R... Premium C... Payment d...	Jun 10, 2017
<input type="checkbox"/>	●	Austine home 196716	10 Hood Street Manchester, United Kin...	Jane Austin 0161 6541289	● Agility ● Devices (3) ● Video Recorder			Jun 7, 2017

Figure 3 Sites List Page

2. From the Sites List page, select the Site you wish to add an NVR.
3. From the page that opens, click the IP CAMERAS Sub Tab and then the NVR Side Tab.



SITE NAME: TCONNECT25 - 04294967328
ASSIGNED TO: n Zxasqw12
CLOUD: Enabled

SITE INFO | 2CONNECT (34) | MONITORING STATIONS (0) | IP CAMERAS (1) | SMART HOME (0) | + Add New Tab

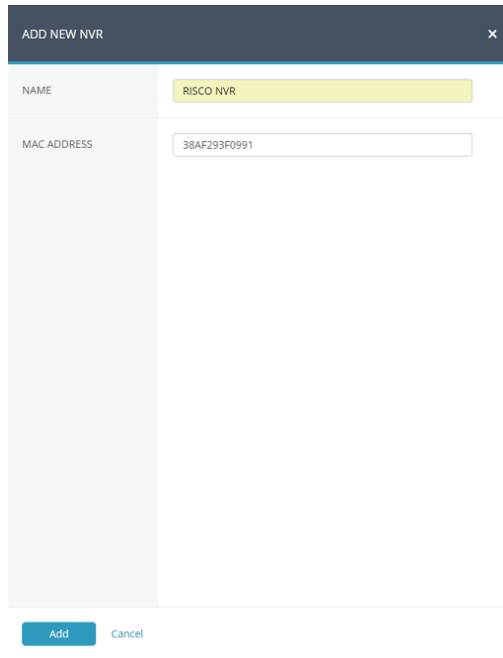
CAMERAS
NVR
TRIGGERS
VIDEO EVENTS

+ Add New NVR

No NVR devices were added
To add a NVR device
click the Add New NVR button

Figure 4 NVR Page

4. Click the Add New NVR button; the Add New NVR side panel opens.



ADD NEW NVR

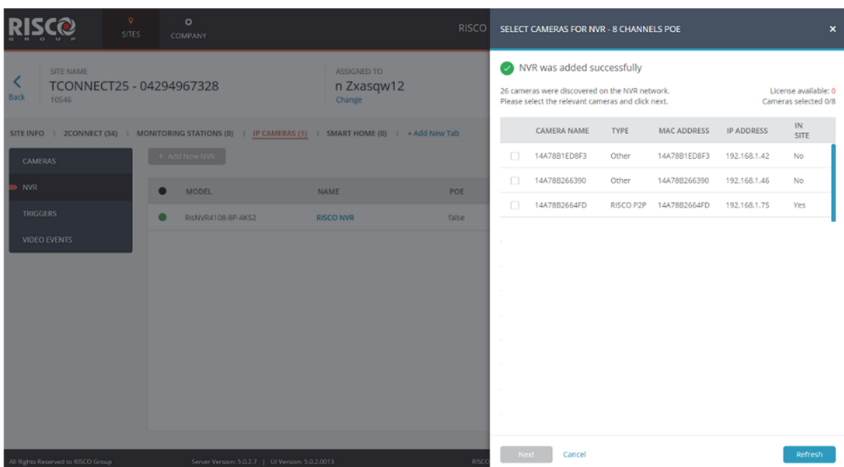
NAME: RISCO NVR

MAC ADDRESS: 38AF293F0991

Add Cancel

Figure 5 Add NVR Side Panel

5. Enter a name for the NVR.
6. Enter the MAC address of the NVR.
7. Click the Add button; the NVR will be added to the network.



RISCO SELECT CAMERAS FOR NVR - 8 CHANNELS POE

✓ NVR was added successfully

26 cameras were discovered on the NVR network. Please select the relevant cameras and click next. License available: 0 Cameras selected: 0/8

CAMERA NAME	TYPE	MAC ADDRESS	IP ADDRESS	IN SITE
<input type="checkbox"/> 14A78B1ED6F3	Other	14A78B1ED6F3	192.168.1.42	No
<input type="checkbox"/> 14A78B266390	Other	14A78B266390	192.168.1.46	No
<input type="checkbox"/> 14A78B2664FD	RISCO P2P	14A78B2664FD	192.168.1.75	Yes

Next Cancel Refresh

Figure 6 NVR Added

All the cameras that are connected to the NVR's LAN will be automatically detected and displayed on the side panel.

- 8. Select the boxes of the IP Cameras to be added to the NVR.

NOTE: Only the IP Cameras in the list that are enabled can be added. In rare cases, when IP Cameras are on the same LAN and are connected to another site, they will be displayed but not enabled.

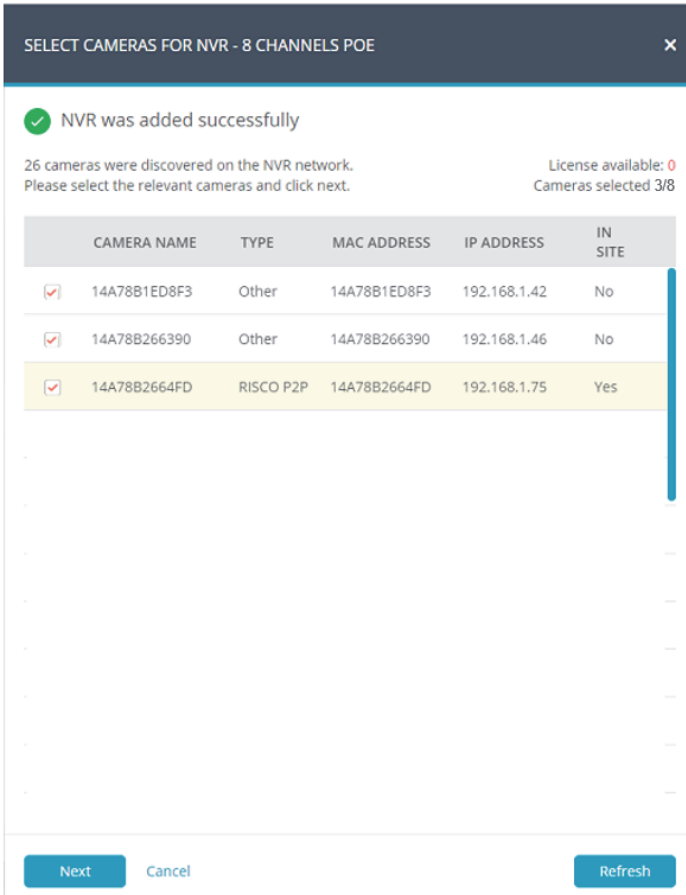


Figure 7 Select Camera for NVR

- 9. Click Next. A Wizard will guide you through the settings of each of the selected cameras. You can quit the Wizard at any stage.


The Wizard screens contain mostly read-only information. For each camera you should select only the required recording mode.

ADD CAMERA 14A78B2664FD (1/3)	
CAMERA NAME	14A78B2664FD
CAMERA TYPE	RISCO P2P
MAC ADDRESS	14A78B2664FD
IP ADDRESS	192.168.1.75
NVR	Recording: <input checked="" type="radio"/> Motion Detected <input type="radio"/> Continuous
<input type="button" value="Save & Continue"/> <input type="button" value="Cancel"/>	

Figure 8 Add Camera

10. Recording Mode: If “Motion Detected” is selected, the NVR will record only if motion is detected by the camera. If continuous is selected, the camera will record continuously.
11. Click Save & Continue. Repeat the procedure for the other cameras until all cameras you have selected for the NVR are setup. The following screen provides a summary of the cameras that have been connected successfully or that failed to be connected to the NVR.
12. For Wi-Fi Cameras, the following screen opens.

ADD CAMERA 3CEF8CF89C8E (1/1)



Your camera was identified successfully

Would you like to connect it to your Wi-Fi network?

Figure 9 Connecting to Wi-Fi

13. Select the required network and then enter the password.

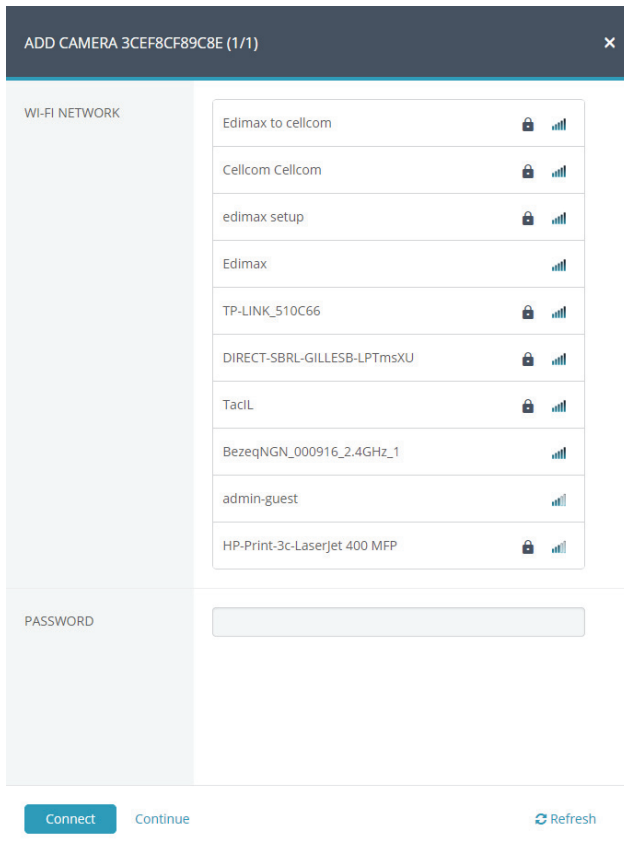


Figure 10 Selecting Wi-Fi network

14. Click Connect; the connect to Wi-Fi screen opens.

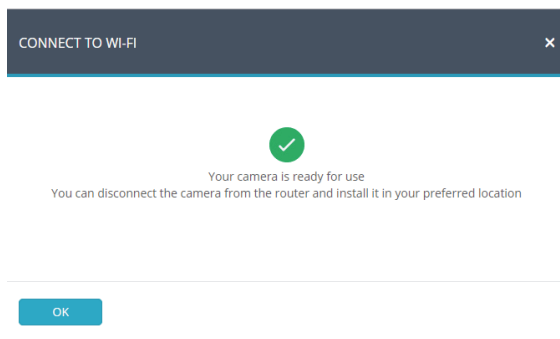


Figure 11 Connecting to Wi-Fi

15. Press OK.

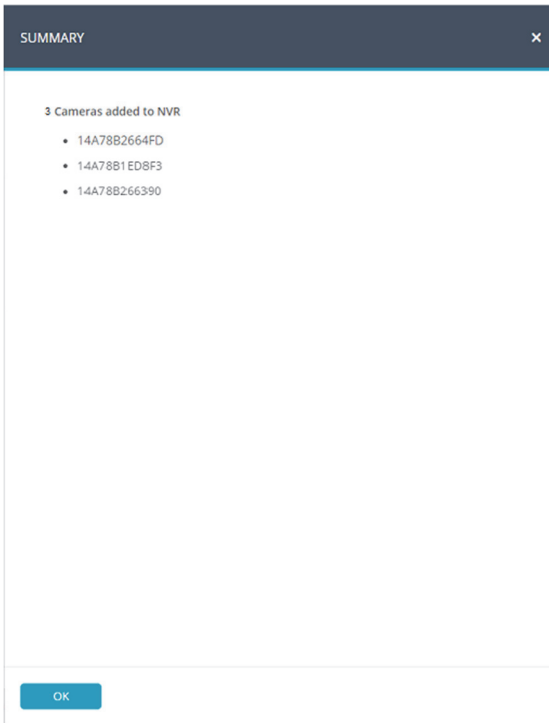


Figure 12 Summary of Cameras Added to NVR

16. The defined NVR is displayed in the NVR page and is now added to the site.

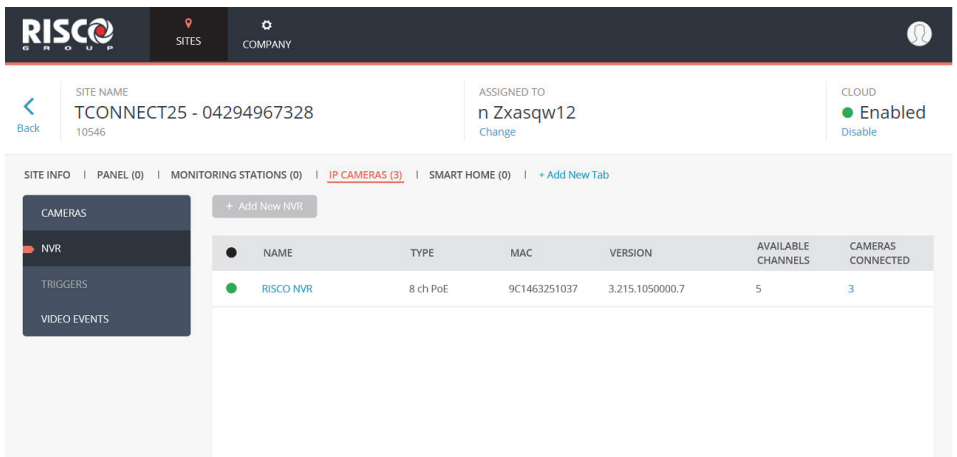


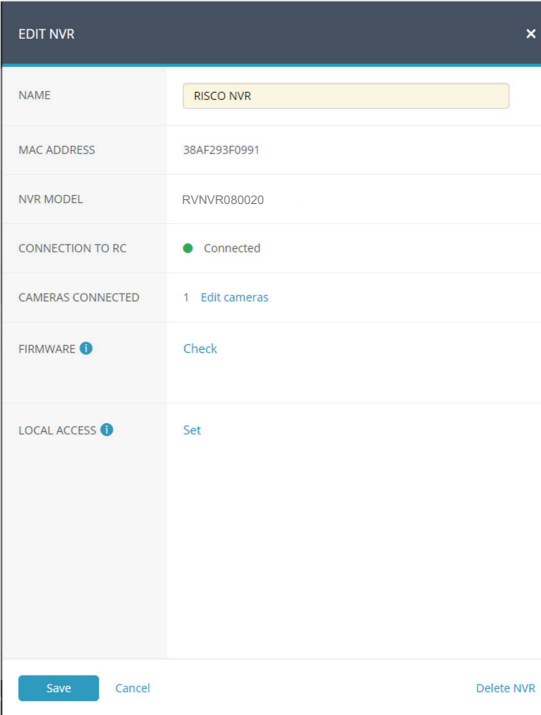
Figure 13 NVR Page

Editing an NVR

You can edit a selected NVR and add or remove cameras from the NVR.

To edit an NVR:

1. From the NVR page, click the NVR Name; the Edit NVR screen opens.



The screenshot shows the 'EDIT NVR' interface. It has a dark blue header with the title 'EDIT NVR' and a close button. Below the header is a list of fields:

- NAME:** A text input field containing 'RISCO NVR'.
- MAC ADDRESS:** A text input field containing '38AF293F0991'.
- NVR MODEL:** A text input field containing 'RVNVR080020'.
- CONNECTION TO RC:** A status indicator showing a green dot and the text 'Connected'.
- CAMERAS CONNECTED:** A status indicator showing '1' and a link 'Edit cameras'.
- FIRMWARE:** A status indicator with an information icon and a link 'Check'.
- LOCAL ACCESS:** A status indicator with an information icon and a link 'Set'.

At the bottom of the screen, there are three buttons: 'Save' (blue), 'Cancel' (light blue), and 'Delete NVR' (blue).

Figure 14 Edit NVR Screen

Field	Description
Name	Change the name of the NVR, if required
Firmware	Click Check to confirm if a new firmware version is available.
Local Access	Click Set and then select UI/CGI to enable access to the NVR's web interface for a time period of 60 minutes.

NOTE: You can delete the NVR from the site by clicking Delete NVR from the bottom right of the screen.

EDIT NVR ✕	
NAME	<input type="text" value="RISCO NVR"/>
MAC ADDRESS	38AF293F0991
NVR MODEL	RVNVR080020
CONNECTION TO RC	● Connected
CAMERAS CONNECTED	1 Edit cameras
FIRMWARE i	Firmware version: 3.215.1050001.0 The firmware update service is temporarily unavailable. Please, try again in a few minutes to check if there is a newer version available.
LOCAL ACCESS i	<input checked="" type="checkbox"/> UI/CGI <input type="checkbox"/> Telnet

[Save](#)
[Cancel](#)
[Delete NVR](#)

Figure 15 Edit NVR Settings

2. Click Save to save the current settings or click Edit Cameras to edit Site cameras; the Cameras list that appears provides information on the cameras that are connected to the NVR and the cameras that are on the NVR network but were not added to the NVR.

EDIT NVR CAMERAS - 8 CHANNELS POE
✕

1 cameras connected to the NVR network. License available: 0
 26 cameras were discovered on the NVR network. Cameras connected 3/8

CAMERA NAME	TYPE	MAC ADDRESS	IP ADDRESS	
14A78B2664FD	RISCO P2P	14A78B2664FD	192.168.1.75	Remove
14A78B1ED8F3	Other	14A78B1ED8F3	192.168.1.42	Remove
14A78B266390	Other	14A78B266390	192.168.1.46	Remove

Add cameras to this NVR Cameras selected 1/7

	CAMERA NAME	TYPE	MAC ADDRESS	IP ADDRESS	IN SITE
<input type="checkbox"/>	14A78B2664FD	RISCO P2P	14A78B2664FD	192.168.1.75	No
<input type="checkbox"/>	14A78B1ED8F3	Other	14A78B1ED8F3	192.168.1.42	No
<input checked="" type="checkbox"/>	14A78B266390	Other	14A78B266390	192.168.1.46	No

Add Cameras

Cancel

Refresh

Cameras that
are already
connected to
the NVR

Cameras that
can be added

Figure 16 Edit NVR Cameras

3. If you wish to add a camera to the NVR, select the checkbox of the camera that you wish to add and click Add Cameras. The Add Camera side panel opens.

ADD CAMERA 14A78B266390 (1/1) ✕

CAMERA NAME	<input type="text" value="14A78B266390"/>
CAMERA TYPE	<input checked="" type="radio"/> RISCO P2P <input type="radio"/> RISCO IP <input type="radio"/> Other ?
MAC ADDRESS	14A78B266390
IP ADDRESS	192.168.1.46
NVR	Recording: <input checked="" type="radio"/> Motion Detected <input type="radio"/> Continuous

Figure 17 Add Camera

4. From the screen that opens, select the Camera Type and the Recording Mode. If “Motion Detected” is selected, the NVR will record only if motion is detected by the camera. If continuous is selected, the camera will record continuously.
5. After making your selection, click Save & Continue.

The following screen provides a summary of the cameras that have been newly added to the NVR.



Figure 18 Cameras Added to NVR

6. Click OK.

Product Specification

Please refer to the following table for product performance specification.

Parameter		
System	Main Processor	Quad-core embedded processor
	OS	Embedded LINUX
Audio and Video	IP Camera Input	4/8/16 Channel
	Two-Way Talk	1 Channel Input, 1 Channel Output, RCA
Display	Interface	1 HDMI, 1 VGA
	Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720
		VGA: 1920×1080, 1280×1024, 1280×720
	Decoding Capacity	2ch@4K(30fps)/8ch@1080P(30fps)
	Multi-screen Display	4CH: 1/4
8CH: 1/4/8/9		
16CH: 1/4/8/9/16		
Recording	Compression	Smart H.265+/H.265/Smart H.264+/H.264
	Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
	Record Rate	80Mbps
	Bit Rate	16Kbps ~ 20Mbps Per Channel
	Record Mode	Continuous, Motion
	Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Playback and Backup	Search Mode	Time/Date
	Backup Mode	Smartphone, Network, USB
Network	Interface	1 RJ-45 Port (10/100Mbps)
	Ethernet Port	1 Independent 100Mbps Ethernet Port
	PoE	IEEE802.3at/af
	Smartphone	IPhone, iPad, Android
	Interoperability	ONVIF 2.4, SDK, CGI

Parameter		
Storage	Internal HDD	1 SATA III Port, Up to 6 TB capacity
	HDD Mode	Single
Electrical	Power Supply	DC48V/1.5A
	Power Consumption: 4/16 Channels	NVR: <7.5W (Without HDD)
		PoE: Max 25.5w for single port, 50w in total
	Power Consumption: 8 Channels	NVR: <8.3W (Without HDD)
PoE: Max 25.5w for single port, 80w in total		
Environmental	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction 4/16 Channel	Dimensions: 4/16 Channels	Smart 1U, 204.6mm×204.6mm×45.6mm (8.1" x 8.1" x 1.8")
	Net Weight: 4/16 Channels	0.45kg (0.99 lb) (without HDD)
	Gross Weight: 4/16 Channels	1.5kg(3.31 lb)(without HDD)
	Dimensions: 8 Channels	Smart 1U, 270mm×204.7mm×45.7mm (10.6" x 8.1" x 1.8")
	Net Weight: 8 Channels	0.65kg (1.43 lb) (without HDD)
	Gross Weight: 8 Channels	1.8kg (3.97 lb)(without HDD)
Certification	CE	EN55032, EN55024, EN50130-4, EN60950-1
	FCC	Part 15 Subpart B

EMC Compliance Statement

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. For the CE Declaration of Conformity please refer to our website: www.riscogroup.com

VUpoint

NVR

Enregistreur Vidéo Réseau



Modèles : RVNVR04/ RVNVR08/ RVNVR16



Guide d'installation

Consignes de sécurité

Ces instructions permettent à l'utilisateur d'utiliser le produit correctement pour éviter tout danger ou toute perte matérielle.

MISES EN GARDE :

- Toute installation ou utilisation de ce produit non conforme avec les méthodes décrites dans la documentation et avec les instructions du fournisseur peut entraîner des dommages matériels, des blessures corporelles, voire la mort.
- Tenez ce produit hors de portée des enfants et des personnes auxquelles il n'est pas destiné.
- L'installation et l'utilisation doivent être conformes aux codes de sécurité électrique locaux. L'alimentation doit être conforme aux dispositions de la SELV (Safety Extra Low Voltage) ; la source d'alimentation limitée doit être de 12 V c.c. conformément à la norme IEC60950-1.
- Si ce produit est raccordé de façon permanente au réseau électrique, un dispositif de déconnexion facilement accessible, par exemple un disjoncteur, doit être mis en place. Veillez à ne pas connecter simultanément les deux sources d'alimentation à l'appareil, car cela risque d'endommager l'appareil.
- Ne tentez jamais de réparer vous-même cet appareil, car cela risque de provoquer des dommages matériels, des blessures, voire la mort. Veillez à toujours contacter votre installateur/fournisseur pour toute réparation.

AVERTISSEMENTS :

- Assurez-vous que la tension d'alimentation est correcte avant d'utiliser le NVR.
- Veillez à ne pas laisser tomber le NVR ni à le soumettre à des chocs physiques.
- Pour éviter l'accumulation de chaleur et assurer un environnement d'utilisation correct, une bonne ventilation est nécessaire.
- N'exposez pas le NVR à de l'eau ou à tout autre liquide.
- Lors du transport, le NVR doit être placé dans son emballage d'origine.

REMARQUE : nous déclinons toute responsabilité en cas d'incendie ou de choc électrique dû à une manipulation et/ou une installation incorrectes. Nous ne pouvons être tenus pour responsables en cas de problèmes causés par une modification ou une tentative de réparation non autorisée.

Introduction

Nous vous remercions d'avoir acheté l'enregistreur vidéo réseau (NVR) RVNVR04/RVNVR08/RVNVR16.

Ce guide de démarrage rapide vous permettra de vous familiariser rapidement avec votre NVR.

Composants et accessoires

NVR :



Guide d'installation

Composants du panneau arrière du NVR RVNVR04/RVNVR16

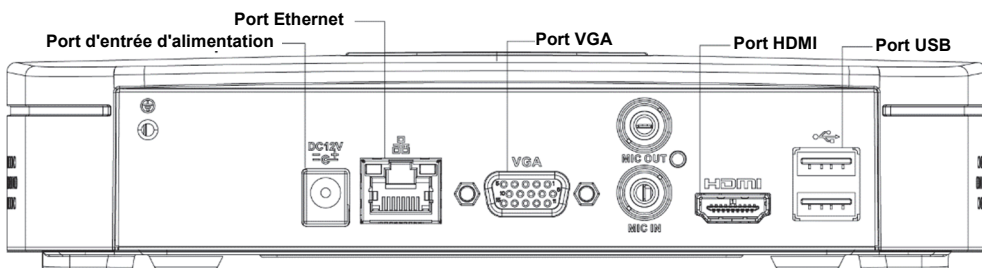


Figure 1 Composants du NVR RVNVR04/RVNVR16

Composants du panneau arrière du NVR RVNVR08

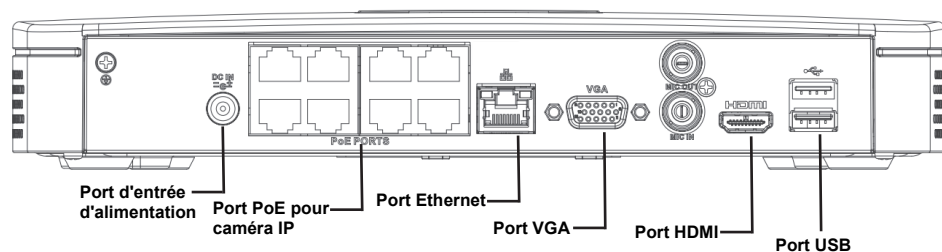


Figure 2 Composants du NVR RVNVR08

Installation du disque dur



DANGER

Éteignez l'appareil et débranchez le câble d'alimentation avant d'ouvrir le boîtier pour remplacer le disque dur.

Toutes les figures ci-après sont fournies à titre indicatif uniquement.

Lors de l'installation initiale, vérifiez si le disque dur a préalablement été installé. Utilisez un disque dur de 7 200 rpm ou plus rapide.



① Desserrez les vis sous le châssis.



② Aligned le disque dur sur les quatre trous inférieurs.



③ Retournez l'appareil et serrez les vis fournies correctement.



④ Raccordez le câble de données et le câble d'alimentation au disque dur et à la carte mère, respectivement.



⑤ Remettez le couvercle en place et fixez les vis sur le panneau arrière. L'installation est terminée.

NVR et Application Installateur RISCO Cloud

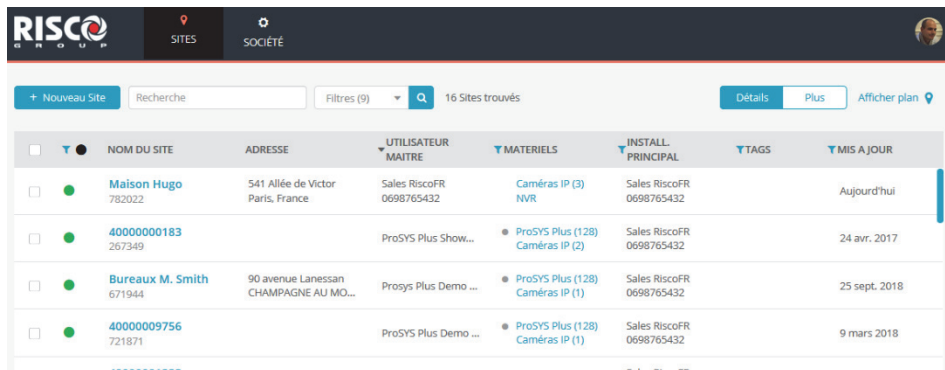
L'application Installateur RISCO Cloud fournit une interface pour que vous puissiez ajouter un NVR ou modifier un NVR existant.

IMPORTANT : il est impératif d'installer physiquement un NVR avant de l'ajouter au système.

Ajout d'un NVR

Pour ajouter un NVR :

1. Connectez-vous à l'interface Web de l'application Installateur RISCO Cloud (reportez-vous au Guide rapide de l'application Installateur RISCO Cloud).



The screenshot shows the RISCO Cloud interface with a navigation bar at the top containing 'RISCO', 'SITES', and 'SOCIÉTÉ'. Below the navigation bar, there is a search bar with the text 'Recherche', a filter dropdown set to 'Filtres (9)', and a search icon. To the right, it indicates '16 Sites trouvés' and buttons for 'Détails', 'Plus', and 'Afficher plan'. The main content is a table with the following columns: 'NOM DU SITE', 'ADRESSE', 'UTILISATEUR MAITRE', 'MATÉRIELS', 'INSTALL. PRINCIPAL', 'TAGS', and 'MIS À JOUR'. The table contains four rows of site data.

	NOM DU SITE	ADRESSE	UTILISATEUR MAITRE	MATÉRIELS	INSTALL. PRINCIPAL	TAGS	MIS À JOUR
<input type="checkbox"/>	Maison Hugo 782022	541 Allée de Victor Paris, France	Sales RiscoFR 0698765432	Caméras IP (3) NVR	Sales RiscoFR 0698765432		Aujourd'hui
<input type="checkbox"/>	4000000183 267349		ProSYS Plus Show...	ProSYS Plus (128) Caméras IP (2)	Sales RiscoFR 0698765432		24 avr. 2017
<input type="checkbox"/>	Bureaux M. Smith 671944	90 avenue Lanesson CHAMPAGNE AU MO...	Prosys Plus Demo ...	ProSYS Plus (128) Caméras IP (1)	Sales RiscoFR 0698765432		25 sept. 2018
<input type="checkbox"/>	40000009756 721871		ProSYS Plus Demo ...	ProSYS Plus (128) Caméras IP (1)	Sales RiscoFR 0698765432		9 mars 2018

Figure 3 Page Liste des sites

2. Sur la page des sites, sélectionnez le site auquel ajouter un NVR.
3. Dans la page qui s'ouvre, cliquez sur le sous-onglet CAMÉRAS IP, puis sur l'onglet latéral NVR.



The screenshot shows the RISCO Cloud interface for the 'Maison Hugo' site. The navigation bar at the top includes 'RISCO', 'SITES', and 'SOCIÉTÉ'. Below the navigation bar, there is a search bar with the text 'Recherche', a filter dropdown set to 'Filtres (9)', and a search icon. To the right, it indicates '16 Sites trouvés' and buttons for 'Détails', 'Plus', and 'Afficher plan'. The main content is a table with the following columns: 'NOM DU SITE', 'ADRESSE', 'UTILISATEUR MAITRE', 'MATÉRIELS', 'INSTALL. PRINCIPAL', 'TAGS', and 'MIS À JOUR'. The table contains four rows of site data.

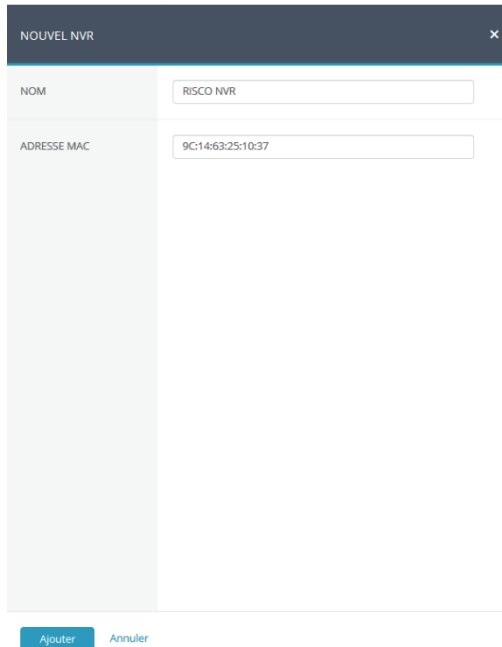
Below the table, there is a section for 'Maison Hugo' with the following details:

- NOM DU SITE: Maison Hugo (782022)
- INSTALL. PRINCIPAL: Sales RiscoFR (Modifier)
- CLOUD: Activé (Désactiver)

The main content area shows a sidebar with 'CAMÉRAS' selected, and a '+ Nouvel onglet' button. Below the sidebar, there is a '+ Nouvel NVR' button. An arrow points to the button with the text 'Aucun NVR ajouté' and 'Pour ajouter votre premier NVR cliquez sur le bouton Nouvel NVR'.

Figure 4 Page NVR

4. Cliquez sur le bouton Nouveau NVR ; la fenêtre correspondante s'ouvre.



NOUVEL NVR

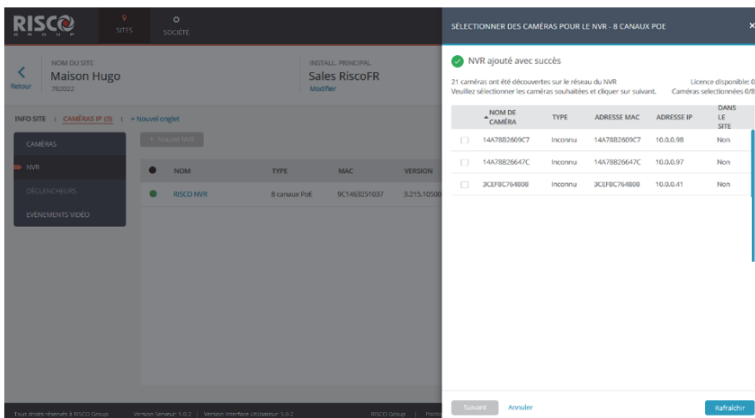
NOM: RISCO NVR

ADRESSE MAC: 9C:14:63:25:10:37

Ajouter Annuler

Figure 5 Fenêtre d'ajout d'un nouveau NVR

5. Saisissez le nom du NVR.
6. Saisissez l'adresse MAC du NVR.
7. Cliquez sur le bouton Ajouter ; le NVR est ajouté au réseau.



SELECTIONNER DES CAMERAS POUR LE NVR : 8 CANAUX POE

NVR ajouté avec succès

21 caméras ont été découvertes sur le réseau du NVR. Licence disponible 0
Veuillez sélectionner les caméras souhaitées et cliquer sur suivant. Caméras sélectionnées 0/8

NOM DE CAMERA	TYPE	ADRESSE MAC	ADRESSE IP	DANS LE SITE
<input type="checkbox"/> 14478B3669C7	Inconnu	14478B3669C7	10.0.0.98	Non
<input type="checkbox"/> 144078D2647C	Inconnu	144078D2647C	10.0.0.97	Non
<input type="checkbox"/> 3C3F8C764808	Inconnu	3C3F8C764808	10.0.0.41	Non

Annuler Valider

Figure 6 NVR ajouté

Toutes les caméras qui sont connectées au réseau LAN du NVR sont automatiquement détectées et s'affichent sur le panneau latéral.

8. Cochez les cases des caméras IP à ajouter au NVR.

REMARQUE : il est uniquement possible d'ajouter les caméras IP qui sont activées dans la liste. Dans de rares cas, lorsque les caméras IP se trouvent sur le même réseau LAN et sont connectées à un autre site, elles s'affichent mais ne sont pas activées.

SÉLECTIONNER DES CAMÉRAS POUR LE NVR - 8 CANAUX POE

✓ NVR ajouté avec succès

21 caméras ont été découvertes sur le réseau du NVR
Licence disponible: 0
Veuillez sélectionner les caméras souhaitées et cliquer sur suivant. Caméras sélectionnées 3/8

NOM DE CAMÉRA	TYPE	ADRESSE MAC	ADRESSE IP	DANS LE SITE
<input checked="" type="checkbox"/> 14A78B2609C7	Inconnu	14A78B2609C7	10.0.0.98	Non
<input checked="" type="checkbox"/> 14A78B26647C	Inconnu	14A78B26647C	10.0.0.97	Non
<input checked="" type="checkbox"/> 3CEF8C764808	Inconnu	3CEF8C764808	10.0.0.41	Non

Suivant Annuler Rafraîchir

Figure 7 Sélection de caméra pour le NVR

9. Cliquez sur Suivant. Un assistant vous guide lors du paramétrage de chacune des caméras sélectionnées. Vous pouvez à tout moment quitter cet assistant.

La plupart des informations contenues dans les écrans de l'assistant sont en lecture seule. Vous devez sélectionner le mode d'enregistrement correspondant à chaque caméra.

NOUVELLE CAMÉRA 14A78B2609C7 (1/3) ✕


NOM DE CAMÉRA	<input type="text" value="14A78B2609C7"/>
TYPE DE CAMÉRA	RISCO P2P
ADRESSE MAC	14A78B2609C7
ADRESSE IP	10.0.0.98
NVR	Enregistrement <input checked="" type="radio"/> Mouvement Détecté <input type="radio"/> Continu

Enregistrer & Continuer
Annuler

Figure 8 Ajout Caméra

10. Mode d'enregistrement : Si vous sélectionnez « Mouvement Détecté », le NVR enregistre uniquement si un mouvement est détecté par la caméra. Si vous sélectionnez « Continu », la caméra enregistre en continu.
11. Cliquez sur Enregistrer & Continuer. Répétez cette procédure pour les autres caméras jusqu'à ce que toutes les caméras sélectionnées pour le NVR soient configurées. L'écran suivant fournit un récapitulatif des caméras correctement connectées au NVR ou dont la connexion a échoué.
12. Pour les caméras Wi-Fi, l'écran suivant apparaît.

NOUVELLE CAMÉRA E0508B1981CB (1/1) ✕



Votre caméra a été identifiée avec succès.

Voulez-vous la connecter à votre réseau Wi-Fi ?

Connexion au Wi-Fi
Pas maintenant

Figure 9 Connexion au Wi-Fi

13. Sélectionnez le réseau souhaité, puis saisissez le mot de passe.

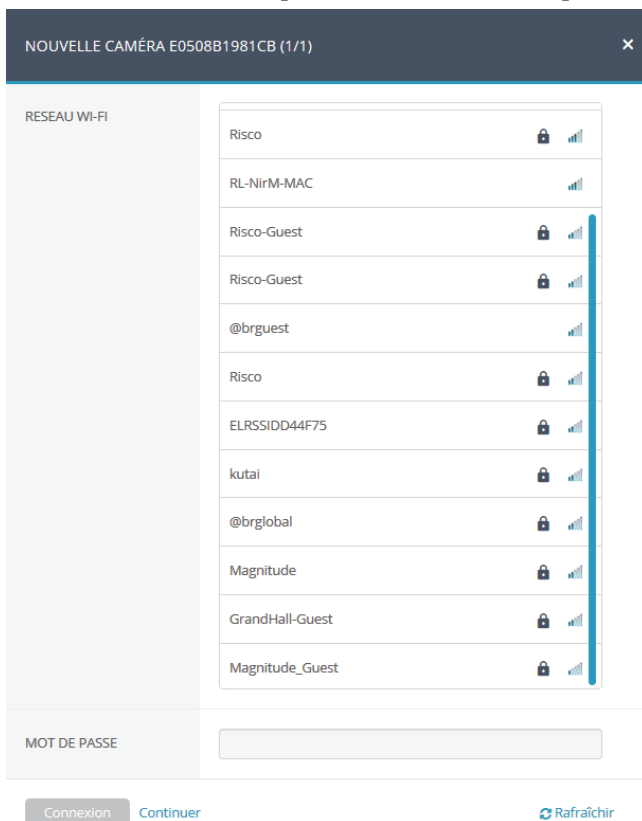


Figure 10 Sélection du réseau Wi-Fi

14. Cliquez sur Connexion ; l'écran de connexion au réseau Wi-Fi s'ouvre.

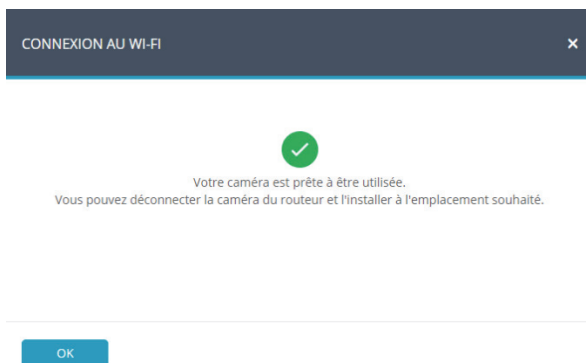


Figure 11 Connexion au Wi-Fi

15. Appuyez sur OK.

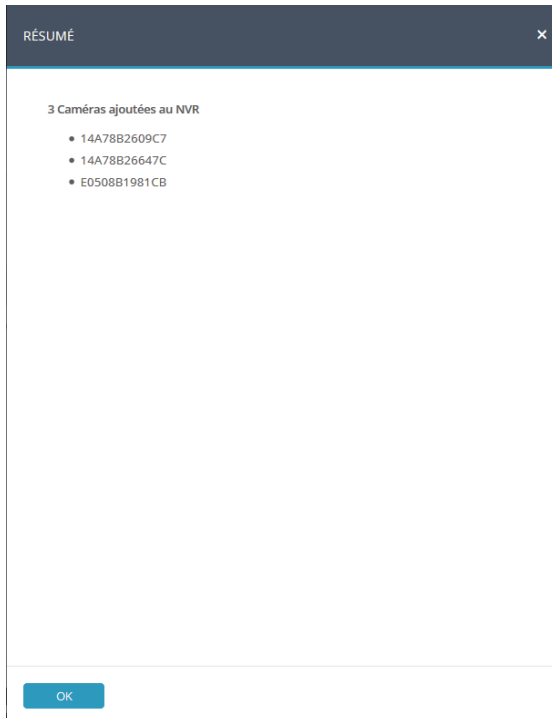


Figure 12 Récapitulatif des caméras ajoutées au NVR

16. Le NVR défini s'affiche dans la page NVR, et il est désormais ajouté au site.

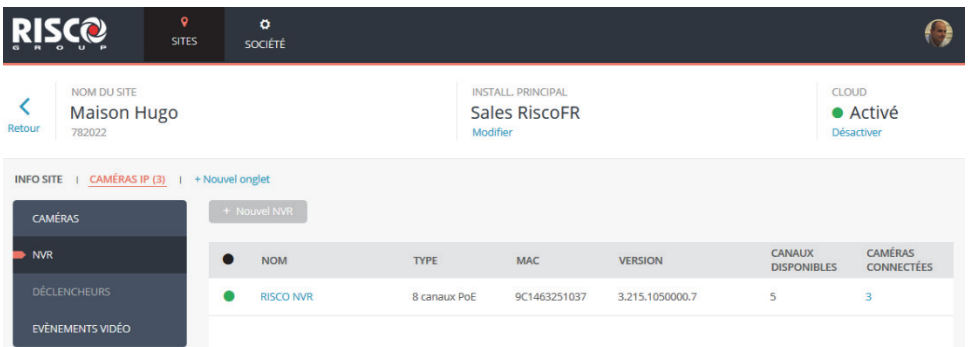


Figure 13 Page NVR

Modification d'un NVR

Vous pouvez modifier un NVR sélectionné et ajouter ou supprimer des caméras du NVR.

Pour modifier un NVR :

1. Dans la page NVR, cliquez sur le nom du NVR ; l'écran d'édition du NVR s'affiche.

EDITER NVR	
NOM	<input type="text" value="RISCO NVR"/>
ADRESSE MAC	9C1463251037
MODÈLE NVR	RVNVR080020
TYPE NVR	8 canaux PoE
CONNEXION AU RISCO CLOUD	● Connecté
CAMÉRAS CONNECTÉES	3 Editier caméras
FIRMWARE ⓘ	Vérifier
ACCES LOCAL ⓘ	Appliquer

Enregistrer Annuler Supprimer NVR

Figure 14 Écran de modification de NVR

Champ	Description
Nom	Modifiez le nom du NVR, si nécessaire.
Firmware	Cliquez sur Vérifier pour vérifier si une nouvelle version du firmware est disponible.
Accès local	Cliquez sur Appliquer, puis sélectionnez UI/CGI pour activer l'accès à l'interface Web du NVR pour une durée de 60 minutes.

REMARQUE : vous pouvez supprimer le NVR du site en cliquant sur le bouton Supprimer NVR situé dans la partie inférieure droite de l'écran.

EDITER NVR ✕	
NOM	<input type="text" value="RISCO NVR"/>
ADRESSE MAC	9C1463251037
MODÈLE NVR	RVNVNVR080020
TYPE NVR	8 canaux PoE
CONNEXION AU RISCO CLOUD	● Connecté
CAMÉRAS CONNECTÉES	3 Editer caméras
FIRMWARE ⓘ	Version firmware : 3.215.1050000.7 La caméra ne répond pas
ACCES LOCAL ⓘ	<input checked="" type="checkbox"/> Accès local - UI/CGI <input type="checkbox"/> Telnet

[Enregistrer](#)
[Annuler](#)
[Supprimer NVR](#)

Figure 15 Modification des paramètres du NVR

2. Cliquez sur Enregistrer pour enregistrer les paramètres ou cliquez sur Editer caméras pour modifier les caméras du site ; la liste des caméras qui s'affiche fournit des informations sur les caméras connectées au NVR et sur les caméras qui sont sur le réseau du NVR, mais qui n'ont pas été ajoutées au NVR.

EDITER LES CAMÉRAS DU NVR - 8 CANAUX POE ✕

3 caméras connectées au réseau du NVR. Licence disponible: 0
 21 caméras ont été découvertes sur le réseau du NVR Caméras connectés 3/8

NOM DE CAMÉRA	TYPE	ADRESSE MAC	ADRESSE IP	
14A78B2609C7	RISCO P2P	14A78B2609C7	10.0.0.98	Supprimer
14A78B26647C	RISCO P2P	14A78B26647C	10.0.0.97	Supprimer
E0508B1981CB	RISCO P2P	E0508B1981CB	10.0.0.100	Supprimer

Caméras déjà connectées au NVR

Ajout de caméras à ce NVR Caméras sélectionnées 0/5

NOM DE CAMÉRA	TYPE	ADRESSE MAC	ADRESSE IP	DANS LE SITE
<input checked="" type="checkbox"/> 3CEF8C764808	Inconnu	3CEF8C764808	10.0.0.41	Non
<input checked="" type="checkbox"/> 3CEF8C993AB1	Inconnu	3CEF8C993AB1	10.0.0.40	Non

Caméras qui peuvent être ajoutées

[Annuler](#)

Figure 16 Modification des caméras du NVR

- Si vous souhaitez ajouter une caméra au NVR, cochez la case de la caméra que vous souhaitez ajouter et cliquez sur Ajouter les caméras. La fenêtre d’Ajout de Caméra s’ouvre.

NOUVELLE CAMÉRA 3CEF8C764808 (1/2) ✕

NOM DE CAMÉRA	<input type="text" value="E0508B1981CB"/>
TYPE DE CAMÉRA	<input checked="" type="radio"/> RISCO P2P <input type="radio"/> RISCO IP <input type="radio"/> Inconnu i
ADRESSE MAC	3CEF8C764808
ADRESSE IP	10.0.0.41
NVR	Enregistrement <input checked="" type="radio"/> Mouvement Détecté <input type="radio"/> Continu

Figure 17 Ajout Caméra

4. Dans l'écran qui s'affiche, sélectionnez le type de caméra et le mode d'enregistrement. Si vous sélectionnez « Mouvement Détecté », le NVR enregistre uniquement si un mouvement est détecté par la caméra. Si vous sélectionnez Continu, la caméra enregistre en continu.
5. Une fois vos sélections effectuées, cliquez sur Enregistrer & Continuer.

L'écran suivant fournit un récapitulatif des caméras nouvellement ajoutées au NVR.

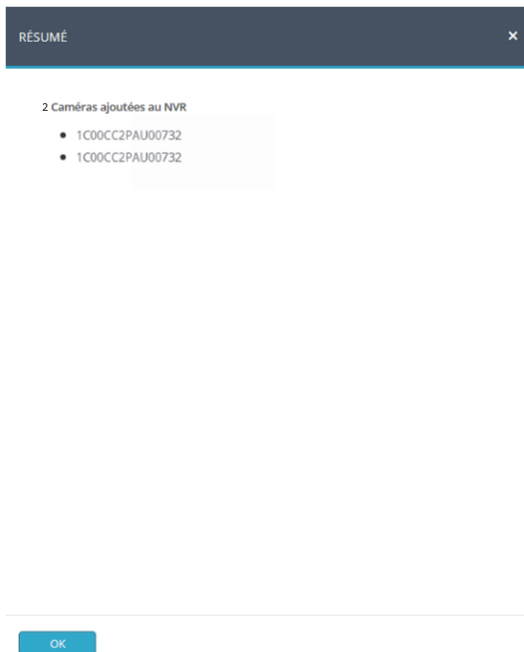


Figure 18 Caméras ajoutées au NVR

6. Cliquez sur OK.

Spécifications du produit

Reportez-vous au tableau suivant pour connaître les spécifications de performance du produit.

Paramètre		
Système	Processeur principal	Processeur quatre cœurs intégré
	Système d'exploitation	LINUX
Audio et vidéo	Entrées caméra IP	4/8/16 canaux
	Audio bidirectionnel	Entrée 1 canal, sortie 1 canal, RCA
Affichage	Interface	1 HDMI, 1 VGA
	Résolution	HDMI : 3 840 × 2 160, 1 920 × 1 080, 1 280 × 1 024, 1 280 × 720
		VGA : 1 920 × 1 080, 1 280 × 1 024, 1 280 × 720
	Capacité de décodage	2 canaux @ 4K (30 ips)/8 canaux @ 1080P (30 ips)
Affichage multi-écrans	4CH : 1/4	
	8CH : 1/4/8/9	
	16CH : 1/4/8/9/16	
Enregistrement	Compression	Smart H.265+/H.265/Smart H.264+/H.264
	Résolution	8 MP/ 6 MP/ 5 MP/ 4 MP/ 3 MP/ 1 080 P/ 1,3 MP/ 720 P, etc.
	Débit d'enregistrement	80 Mbit/s
	Débit binaire	16 Kbit/s ~ 20 Mbit/s par canal
	Mode d'enregistrement	Continu, Mouvement
Lecture et sauvegarde	Mode de recherche	Heure/Date
	Mode de sauvegarde	Smartphone, Réseau, USB
Réseau	Interface	1 port RJ-45 (10/100 Mbit/s)
	Port Ethernet	1 port Ethernet indépendant 100 Mbit/s
	PoE	IEEE802.3at/af
	Smartphone	iPhone, iPad, Android
	Interopérabilité	ONVIF 2.4, SDK, CGI

Paramètre		
Stockage	Disque dur interne	1 port SATA III, capacité maximale 6 To
	Mode du disque dur	Simple
Électriques	Alimentation	48 V c.c./1,5 A
	Consommation : 4/16 canaux	NVR : < 7,5 W (sans disque dur)
		PoE : Max. 25,5 W port unique, 50 W au total
	Consommation : 8 canaux	NVR : < 8,3 W (sans disque dur)
PoE : Max. 25,5 W port unique, 80 W au total		
Environnementale	Conditions de fonctionnement	-10 °C ~ +55 °C (+14 °F ~ +131 °F), 86 ~ 106 kpa
	Conditions de stockage	-20 °C ~ +70 °C (-4 °F ~ +158 °F), HR 0 ~ 90 %
Construction 4/16 canaux	Dimensions : 4/16 canaux	Smart 1U, 204,6 mm × 204,6 mm × 45,6 mm (8,1" x 8,1" x 1,8")
	Poids net : 4/16 canaux	0,45 kg (0,99 lb) (sans disque dur)
	Poids brut : 4/16 canaux	1,5 kg (3,31 lb) (sans disque dur)
	Dimensions : 8 canaux	Smart 1U, 270 mm × 204,7 mm × 45,7 mm (10.6" x 8.1" x 1.8")
	Poids net : 8 canaux	0,65 kg (1,43 lb) (sans disque dur)
	Poids brut : 8 canaux	1,8 kg (3,97 lb) (sans disque dur)
Certification	CE	EN55032, EN55024, EN50130-4, EN60950-1
	FCC	Partie 15 Sous partie B

Déclaration de Conformité de EMC

Par la présente, RISCO Group, déclare cet équipement est en conformité aux conditions essentielles et à d'autres dispositions appropriées de la directive 2014/30/EU.

Vous pouvez trouver la copie complète de la déclaration de conformité à la directive 2014/30/EU sur notre site web, à l'adresse suivante : www.riscogroup.com

VUpoint

Network Video Recorder



Modelli: RVNVR04/ RVNVR08/ RVNVR16

IT

Guida all'Installazione

Precauzioni per la Sicurezza

Queste istruzioni hanno lo scopo di garantire che l'utente possa utilizzare correttamente il prodotto per evitare pericoli o malfunzionamenti che lo possano danneggiare anche fisicamente.

AVVERTENZE:

- L'installazione o l'utilizzo di questo prodotto che non è conforme all'uso previsto dal fornitore e come descritto nei materiali didattici può causare danni, lesioni o morte.
- Assicurarsi che questo prodotto non sia accessibile ai bambini e a coloro per i quali non è previsto il funzionamento del sistema.
- Tutte le operazioni di installazione e funzionamento devono essere conformi ai codici di sicurezza elettrici locali. La potenza deve essere conforme ai requisiti del SELV (Safety Extra Low Voltage) e la sorgente di alimentazione limitata a una tensione nominale di 12V DC (IEC60950-1).
- Se il dispositivo è permanentemente collegato a una fonte di alimentazione elettrica, la connessione deve includere un dispositivo di disconnessione facilmente accessibile, come un interruttore di circuito. Non collegare contemporaneamente le due fonti di alimentazione al dispositivo; potrebbe causare danni allo stesso!
- Non tentare mai di riparare il dispositivo da soli, poiché ciò potrebbe causare danni, lesioni o morte. Per l'assistenza contattare sempre il proprio installatore / fornitore.

PRECAUZIONI:

- Prima di utilizzare l'NVR assicurarsi che la tensione di alimentazione sia corretta.
- Non far cadere l'NVR o sottoporlo a vibrazioni elevate.
- Per evitare surriscaldamenti dell'apparato, è necessaria una buona ventilazione e un ambiente operativo adeguato.
- Tenere l'NVR lontano da acqua e liquidi.
- Per la spedizione, l'NVR deve essere imballato nella sua confezione originale.

NOTA: Non ci assumiamo alcuna responsabilità per eventuali incendi o scosse elettriche causate da una manipolazione o installazione impropria. Non siamo responsabili per eventuali problemi causati da modifiche non autorizzate o tentativi di riparazione.

Introduzione

Grazie per aver acquistato il videoregistratore RISCO modello RVNVR04/RVNVR08/ RVNVR16.

Questa guida rapida ti aiuterà a familiarizzare con il tuo nuovo NVR in pochissimo tempo.

Componenti e Accessori

NVR:



Guida all'Installazione

NVR Mod. RVNVR04/RVNVR16 Vista Posteriore

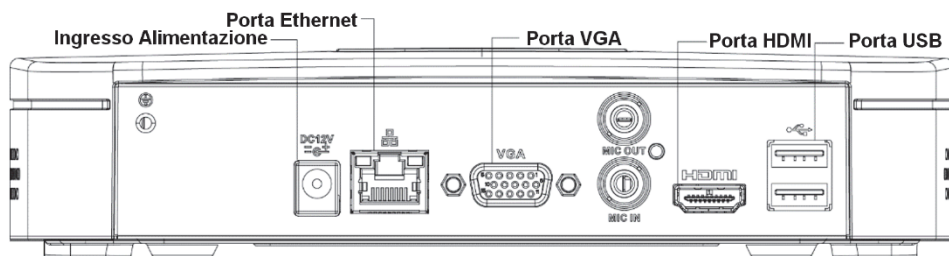


Figura 1 RVNVR04/RVNVR16 Ingressi/Connessioni

NVR Mod. RVNVR08 Vista Posteriore

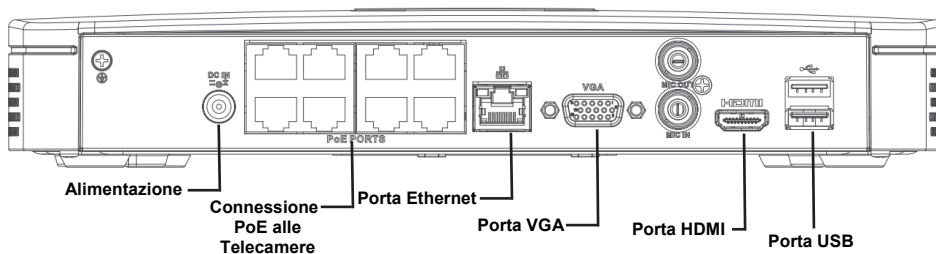


Figura 2 RVNVR08 Ingressi/Connessioni

Installazione Hard Disk



PERICOLO

Spegnere il dispositivo e scollegare il cavo di alimentazione prima di aprire il videoregistratore per installare/sostituire l'Hard Disk!

Tutte le figure elencate di seguito sono solo di riferimento!

Durante la prima installazione, verificare se l'Hard Disk è stato precedentemente installato. Utilizzare solo HDD a 7200rpm o superiori.



① Rimuovere le viti sul fondo del contenitore e sul retro.



② Allineare l'Hard Disk con i quattro fori nella parte inferiore del contenitore.



③ Capovolgere il dispositivo e quindi fissare saldamente le viti (in dotazione).



④ Collegare il cavo dati e il cavo di alimentazione rispettivamente all'Hard Disk e alla scheda madre.



⑤ Rimontare il coperchio e quindi rimettere le viti sul pannello posteriore e sul retro. L'installazione è ora completa.

NVR e RISCO Cloud Installatore

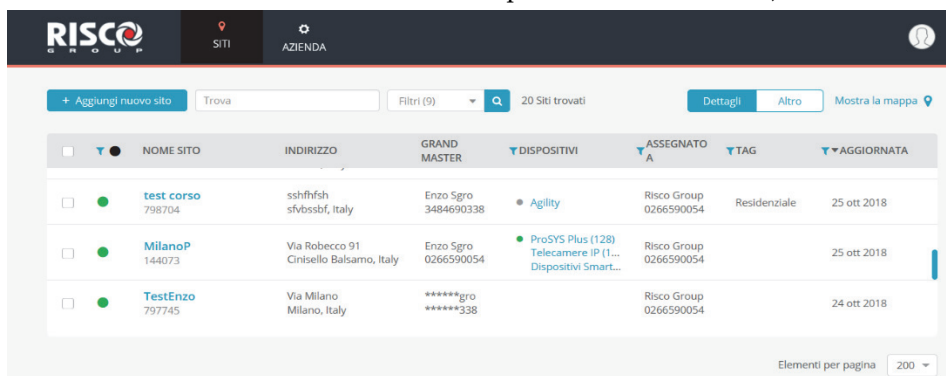
L'applicazione RISCO cloud Installatore fornisce l'interfaccia per configurare il proprio NVR. Ciò consente di aggiungere un NVR o modificarne uno esistente.

IMPORTANTE – Un NVR deve essere prima installato fisicamente sulla rete al fine di poterlo aggiungere al sistema.

Aggiungere un Videoregistratore di rete NVR

Per aggiungere l'NVR:

1. Accedere all'interfaccia Web del RISCO Cloud Installatore (per istruzioni, consultare la Guida all'installazione rapida del RISCO Cloud).



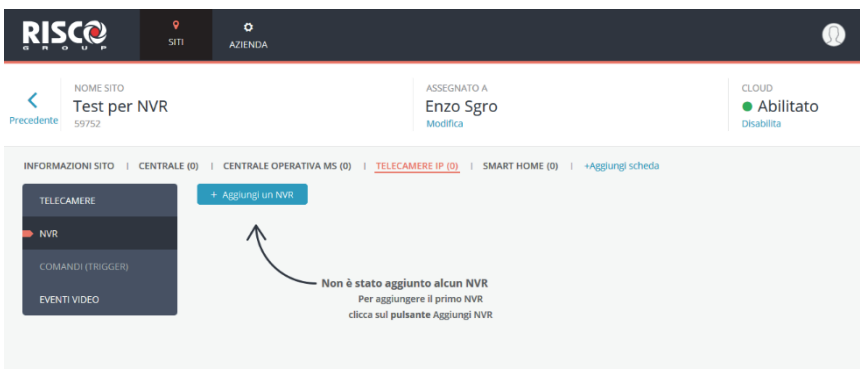
The screenshot shows the RISCO Cloud Installer web interface. At the top, there is a navigation bar with the RISCO logo, 'SITI', and 'AZIENDA' tabs. Below the navigation bar, there is a search bar with the text 'Trova', a filter dropdown showing 'Filtri (9)', and a search icon. To the right of the search bar, it says '20 Siti trovati'. There are buttons for '+ Aggiungi nuovo sito', 'Dettagli', 'Altro', and 'Mostra la mappa'. Below the search bar is a table with the following columns: 'NOME SITO', 'INDIRIZZO', 'GRAND MASTER', 'DISPOSITIVI', 'ASSEGNATO A', 'TAG', and 'AGGIORNATA'. The table contains three rows of data:

NOME SITO	INDIRIZZO	GRAND MASTER	DISPOSITIVI	ASSEGNATO A	TAG	AGGIORNATA
test corso 798704	s5hfrfsh sfvbsbf, Italy	Enzo Sgro 3484690338	Agility	Risco Group 0266590054	Residenziale	25 ott 2018
MilanoP 144073	Via Robecco 91 Crisello Balsamo, Italy	Enzo Sgro 0266590054	ProSYS Plus (128) Telecamere IP (1... Dispositivi Smart...	Risco Group 0266590054		25 ott 2018
TestEnzo 797745	Via Milano Milano, Italy	*****gro *****338		Risco Group 0266590054		24 ott 2018

At the bottom right of the table, there is a dropdown menu for 'Elementi per pagina' set to '200'.

Figura 3 Pagina Elenco Siti

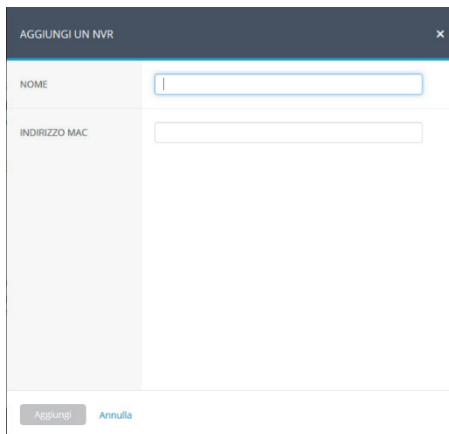
2. Dalla pagina Elenco siti, selezionare il Sito a cui si desidera aggiungere un NVR.
3. Dalla pagina che si apre, fare clic sulla sottocartella TELECAMERE IP e poi sulla scheda laterale NVR.



The screenshot shows the RISCO Cloud Installer web interface for the 'Test per NVR' site. The navigation bar at the top includes the RISCO logo, 'SITI', and 'AZIENDA' tabs. Below the navigation bar, there is a breadcrumb trail: 'INFORMAZIONI SITO | CENTRALE (0) | CENTRALE OPERATIVA MS (0) | TELECAMERE IP (0) | SMART HOME (0) | +Aggiungi scheda'. The main content area is divided into three sections: 'NOME SITO' (Test per NVR, 59752), 'ASSEGNATO A' (Enzo Sgro, Modifica), and 'CLOUD' (Abilitato, Disabilita). On the left side, there is a sidebar menu with 'TELECAMERE' selected, and sub-items for 'NVR', 'COMANDI (TRIGGER)', and 'EVENTI VIDEO'. In the center, there is a '+ Aggiungi un NVR' button. Below the button, there is a message: 'Non è stato aggiunto alcun NVR. Per aggiungere il primo NVR clicca sul pulsante Aggiungi NVR'. An arrow points from the message to the '+ Aggiungi un NVR' button.

Figura 4 Pagina NVR

4. Fare clic sul pulsante Aggiungi nuovo NVR; Si apre la schermata Aggiungi un NVR.



AGGIUNGI UN NVR

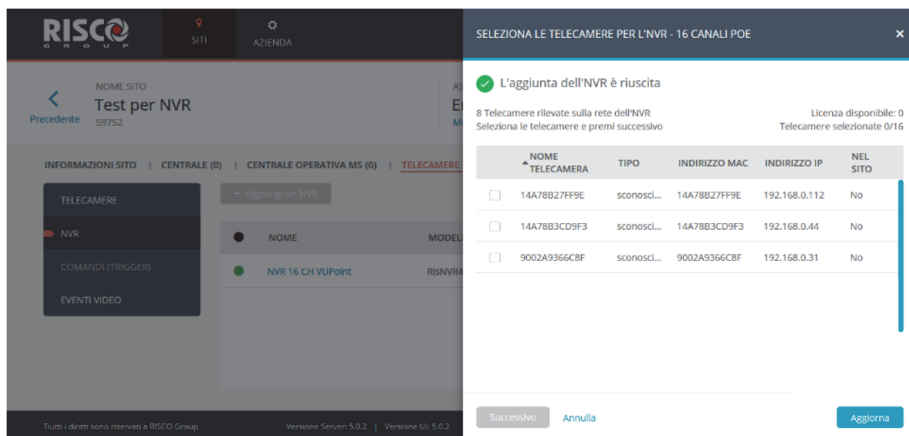
NOME

INDIRIZZO MAC

Aggiungi Annulla

Figura 5 Aggiungi un NVR ad un sito

5. Inserire il Nome per l’NVR.
6. Inserire il MAC address dell’NVR.
7. Fai clic sul pulsante Aggiungi; l’NVR sarà aggiunto sul Cloud.



RISCO

SITI AZIENDA

TEST PER NVR

INFORMAZIONI SITO | CENTRALE (0) | CENTRALE OPERATIVA MS (0) | TELECAMERE

TELECAMERE

NVR

COMANDI (TRIGGER)

EVENTI VIDEO

Seleziona LE TELECAMERE PER L’NVR - 16 CANALI POE

L’aggiunta dell’NVR è riuscita

8 Telecamere rilevate sulla rete dell’NVR
Seleziona le telecamere e premi successivo

Licenza disponibile: 0
Telecamere selezionate 0/16

NOME TELECAMERA	TIPO	INDIRIZZO MAC	INDIRIZZO IP	NEL SITO
<input type="checkbox"/> 14A78B27FF9E	sconosci...	14A78B27FF9E	192.168.0.112	No
<input type="checkbox"/> 14A78B3CD9F3	sconosci...	14A78B3CD9F3	192.168.0.44	No
<input type="checkbox"/> 9002A9366C8F	sconosci...	9002A9366C8F	192.168.0.31	No

Successivo Annulla Aggiorna

Tutti i diritti sono riservati a RISCO Group. Versione Server: 5.0.2 | Versione UI: 5.0.2


Figura 6 Aggiunta dell’NVR

Tutte le telecamere collegate alla LAN dell’NVR o direttamente sulle porte PoE, verranno automaticamente rilevate e visualizzate nel riquadro.

8. Selezionare il box in corrispondenza della/e telecamere IP da aggiungere all’NVR.

NOTA: È possibile aggiungere solo le telecamere IP visualizzate nell'elenco. In rari casi, quando le telecamere IP si trovano sulla stessa LAN e sono connesse a un altro sito, verranno visualizzate ma non abilitate ad essere connesse.

SELEZIONA LE TELECAMERE PER L'NVR - 16 CANALI POE ✕

 L'aggiunta dell'NVR è riuscita

8 Telecamere rilevate sulla rete dell'NVR
Seleziona le telecamere e premi successivo

Licenza disponibile: 0
Telecamere selezionate 1/16

NOME TELECAMERA	TIPO	INDIRIZZO MAC	INDIRIZZO IP	NEL SITO
<input type="checkbox"/> 14A78B27FF9E	sconosci...	14A78B27FF9E	192.168.0.112	No
<input checked="" type="checkbox"/> 14A78B3CD9F3	sconosci...	14A78B3CD9F3	192.168.0.44	No
<input type="checkbox"/> 9002A9366C8F	sconosci...	9002A9366C8F	192.168.0.31	No

Successivo Annulla Aggiorna

Figura 7 Selezione Telecamere per l'NVR

9. Fare Click su Successivo. Un Wizard ti guiderà attraverso le impostazioni di ciascuna delle telecamere selezionate. Si può uscire dal Wizard in qualsiasi momento. Le schermate della procedura guidata contengono principalmente informazioni di sola lettura. Per ogni telecamera è necessario selezionare solo la modalità di registrazione richiesta.

AGGIUNGI TELECAMERA 14A78B3CD9F3 (1/1)

NOME TELECAMERA: 14A78B3CD9F3

TIPO TELECAMERA:

- RISCO P2P
- RISCO IP
- sconosciuto

INDIRIZZO MAC: 14A78B3CD9F3

INDIRIZZO IP: 192.168.0.44

NVR:

- Registrazione: Solo Motion
- Sempre

Salva & Continua Annulla

Figura 8 Aggiunta Telecamera

- Modalità di Registrazione: Se è selezionato "Motion Detected", l'NVR registra solo se il movimento viene rilevato dalla telecamera. Se è selezionato Continuo, l'NVR registrerà la telecamera continuamente.
- Cliccare su Salva & Continua. Ripetere la procedura per le altre telecamere fino a quando tutte le telecamere selezionate per l'NVR sono state configurate. La seguente schermata fornisce un riepilogo delle telecamere che sono state collegate correttamente o che non sono state collegate all'NVR.
- Per le telecamere Wi-Fi, si apre la seguente schermata.

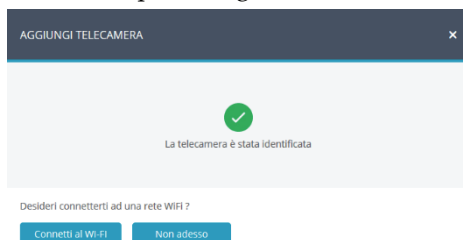


Figura 9 Connecting to Wi-Fi

- Selezionare la rete richiesta e inserire la password.

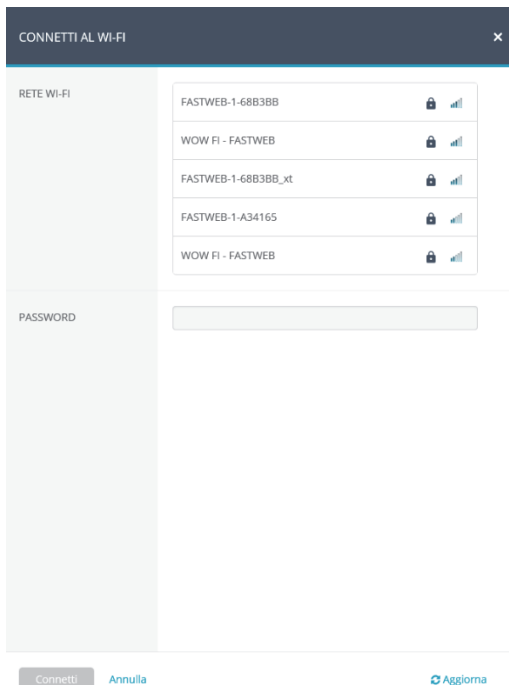


Figura 10 Selezione della rete WIFI

14. Cliccare su **Connetti**; si apre la schermata di connessione Wi-Fi.

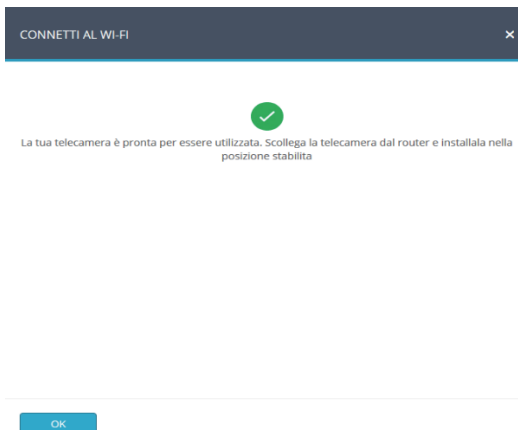


Figura 11 Connessione al Wi-Fi

15. Premere **OK**.



Figura 12 Sommario delle telecamere connesse all' NVR

16. L'NVR definito viene visualizzato nella pagina NVR e ora viene aggiunto al sito.



Figura 13 Pagina NVR

Modifiche sull’NVR

È possibile modificare un NVR selezionato aggiungendo o rimuovendo telecamere dallo stesso.

Per editare un NVR:

1. Dalla pagina NVR, fare clic sul Nome dell’NVR da modificare; si apre la schermata Modifica NVR.

The screenshot shows a modal window titled "MODIFICA L'NVR" with a close button (X) in the top right corner. The modal contains a list of configuration items for an NVR:

- NOME:** A text input field containing "NVR 16 CH VUPoint".
- INDIRIZZO MAC:** A text field containing "9C14632885BB".
- MODELLO NVR:** A text field containing "RVNVR080020".
- CONNESSIONE AL CLOUD:** A status indicator showing a green dot and the text "Connesso".
- TELECAMERE CONNESSE:** A text field containing "0" and a blue link "Edita telecamere".
- FIRMWARE:** A text field containing "Controlla" with an information icon (i).
- ACCESSO LOCALE:** A text field containing "Imposta" with an information icon (i).

At the bottom of the modal, there are three buttons: "Salva" (Save), "Annulla" (Cancel), and "Elimina NVR" (Delete NVR).

Figura 14 Maschera Editare NVR

Campo	Descrizione
Nome	Se necessario si può cambiare il nome dell’NVR
Firmware	Fare clic su Verifica per vedere se è disponibile una nuova versione di firmware.
Accesso Locale	Fare clic su Imposta, quindi selezionare UI / CGI per abilitare l’accesso all’interfaccia Web dell’NVR per un periodo di 60 minuti.

NOTA: È possibile eliminare l’NVR dal sito facendo clic su Elimina NVR in basso a destra dello schermo.

MODIFICA L'NVR	
NOME	<input type="text" value="NVR 16 CH VUPoint"/>
INDIRIZZO MAC	9C14632885BB
MODELLO NVR	RVNVR080020
CONNESSIONE AL CLOUD	● Connesso
TELECAMERE CONNESSE	0 Edita telecamere
FIRMWARE ❗	Versione Firmware: 3.215.1050000.7 La telecamera non risponde
ACCESSO LOCALE ❗	<input type="checkbox"/> UI/CGI <input type="checkbox"/> Telnet

[Elimina l'NVR](#)

Figura 15 Editare i settaggi dell'NVR

2. Fare clic su Salva per salvare le impostazioni correnti o fare clic su Modifica telecamere per modificare le impostazioni delle telecamere del sito; l'elenco Telecamere che appare fornisce informazioni sulle telecamere che sono collegate all'NVR, sulle telecamere che si trovano sulla rete NVR e che non sono state aggiunte all'NVR.

Telecamere che sono connesse al NVR

MODIFICA LE TELECAMERE DELL'NVR - 16 CANALI POE

1 Telecamere connesse all'NVR di rete. Licenza disponibile: 10
10 Telecamere rilevate sulla rete dell'NVR Telecamere connesse 1/16

NOME TELECAMERA	TIPO	INDIRIZZO MAC	INDIRIZZO IP	
Telecamera Demo	RISCO P2P	14A78B3CD9F3	192.168.0.44	Rimuovi

Aggiungi telecamera a questo NVR Telecamere selezionate 0/15

	NOME TELECAMERA	TIPO	INDIRIZZO MAC	INDIRIZZO IP	NEL SITO
<input checked="" type="checkbox"/>	14A78B27FF9E	sconosci...	14A78B27FF9E	192.168.0.112	No
<input type="checkbox"/>	9002A9366C8F	sconosci...	9002A9366C8F	192.168.0.31	No

Aggiungi telecamere

Annulla Aggiorna

Telecamere che possono essere aggiunte

Figura 16 Editare le telecamere connesse al NVR

- Se si desidera aggiungere una videocamera all'NVR, selezionare la casella di controllo della telecamera che si desidera aggiungere e fare clic su Aggiungi telecamere. Si apre la schermata laterale Aggiungi telecamera.

AGGIUNGI TELECAMERA E0508BB984C0 (1/1) ✕

NOME TELECAMERA	<input type="text" value="E0508BB984C0"/>
TIPO TELECAMERA	RISCO P2P
INDIRIZZO MAC	E0508BB984C0
INDIRIZZO IP	192.168.0.145
NVR	Registrazione: <input type="radio"/> Solo Motion <input type="radio"/> Sempre

Figura 17 Aggiungi Telecamera

4. Dalla schermata che si apre, selezionare il Tipo di telecamera e la Modalità di registrazione. Se è selezionato "Motion Detected", l'NVR registra solo se il movimento viene rilevato dalla telecamera. Se è selezionato Continuo, la telecamera verrà registrata continuamente.
5. Dopo aver effettuato la selezione, fai clic su Salva e continua.

La seguente schermata fornisce un riepilogo delle telecamere che sono state recentemente aggiunte all'NVR.

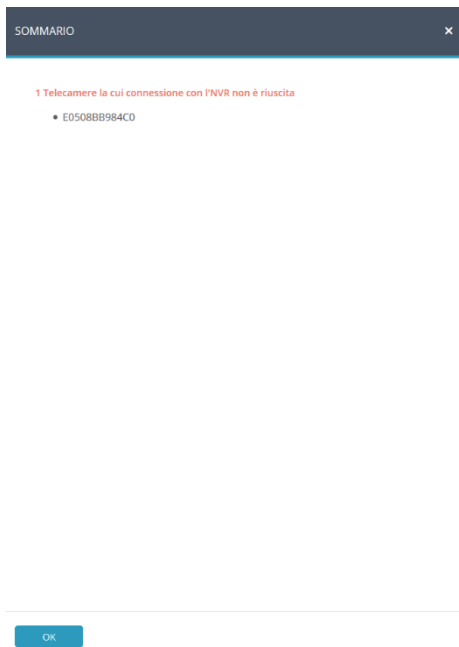


Figura 18 Telecamere aggiunte all'NVR

6. Cliccare su OK.

Specifiche Prodotto

Fare riferimento alla seguente tabella per le specifiche del prodotto.

Parametri		
Sistema	Processore	Processore Quad-core embedded
	OS	Embedded LINUX
Audio e Video	Ingressi Telecamere IP	4/8/16 Canali
	Audio Bidirezionale	1 Canale In, 1 Canale Out, RCA
Monitor	Interfaccia	1 HDMI, 1 VGA
	Risoluzione	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720
		VGA: 1920×1080, 1280×1024, 1280×720
	Capacità di Decodifica	2ch@4K(30fps)/8ch@1080P(30fps)
	Visualizzazione Multi-screen	4CH: 1/4
8CH: 1/4/8/9		
16CH: 1/4/8/9/16		
Registrazione	Compressione	Smart H.265+/H.265/Smart H.264+/H.264
	Risoluzione	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
	Record Rate	80Mbps
	Bit Rate	16Kbps ~ 20Mbps Per Channel
	Modo Registrazione	Continuo, Motion
	Intervallo Registrazione	1 ~ 120 min (default: 60 min), Pre-registrazione: 1 ~ 30 sec, Post-registrazione: 10 ~ 300 sec
Registrazione e Backup	Mode di Ricerca	Data e Ora
	Modo Backup	Smartphone, Network, USB
Network	Interfaccia	1 RJ-45 Port (10/100Mbps)
	Porta Ethernet	1 Independent 100Mbps Ethernet Port
	PoE	IEEE802.3at/af
	Smartphone	IPhone, iPad, Android
	Interoperabilità	ONVIF 2.4, SDK, CGI

Parametri		
HDD	Hard Disk Interno	1 SATA III Port, Capacità: fino a 6 TB
	Modalità Hard Disk	Singolo
Elettrici	Alimentazione	DC48V/1.5A
	Consumi: 4/16 Canali	NVR: <7.5W (Senza HDD)
		PoE: Max 25.5w per singola Porta, 50w in totale
	Consumi: 8 Canali	NVR: <8.3W (Senza HDD)
PoE: Max 25.5w per singola Porta, 80w in totale		
Ambientali	Condizioni Operative	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
	Condizioni di Stoccaggio	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Dimensioni/Peso 4/16/8 Canali	Dimensioni: 4/16 Canali	Smart 1U, 204.6mm×204.6mm×45.6mm (8.1" x 8.1" x 1.8")
	Peso Netto: 4/16 Canali	0.45kg (0.99 lb) (Senza HDD)
	Peso Lordo: 4/16 Canali	1.5kg (3.31 lb)(Senza HDD)
	Dimensioni: 8 Canali	Smart 1U, 270mm×204.7mm×45.7mm (10.6" x 8.1" x 1.8")
	Peso Netto: 8 Canali	0.65kg (1.43 lb) (Senza HDD)
	Peso Lordo: 8 Canali	1.8kg (3.97 lb)(Senza HDD)
Certificazioni	CE	EN55032, EN55024, EN50130-4, EN60950-1
	FCC	Part 15 Sub part B

Dichiarazione di Conformità EMC

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 2014/30/EU.

Per le Dichiarazioni di Conformità CE, visitate il nostro sito web:
www.riscogroup.com

Note

VUpoint

Grabador de vídeo en red (NVR)



Modelos: RVNVR04/RVNVR08/RVNVR16

ES

Guía de instalación

Precauciones de seguridad

Estas instrucciones están indicadas para asegurar que el usuario puede utilizar el producto correctamente para evitar daños personales o materiales.

ADVERTENCIAS:

- La instalación o el uso de este producto que no se realice de acuerdo con el uso indicado por el proveedor y, tal y como está descrito en las instrucciones, puede causar daños, lesiones o la muerte.
- Asegúrese de que no tienen acceso a este producto niños y aquellas personas para quienes no esté destinado el uso del sistema.
- Toda la instalación y la operativa debe ser conforme a sus normas de seguridad eléctrica. La alimentación debe cumplir con el requisito de tensión mínima de seguridad SELV (Safety Extra Low Voltage) y la fuente de alimentación limitada deberá tener un valor de 12 V CC según la norma IEC60950-1.
- Si el dispositivo está conectado permanentemente a la red eléctrica, la conexión debe incluir un dispositivo de desconexión de fácil acceso, por ejemplo, un interruptor. No conecte dos fuentes de alimentación al dispositivo a la vez, ya que puede ocasionar daños al dispositivo.
- No intente bajo ningún concepto reparar el dispositivo por su cuenta, ya que podría causar daños, lesiones o la muerte. Póngase siempre en contacto con su instalador o proveedor para resolver cualquier avería.

ATENCIÓN:

- Asegúrese de que el voltaje de la alimentación es el adecuado antes de usar el NVR.
- No deje caer el NVR ni lo someta a ningún tipo de impacto.
- Para evitar el sobrecalentamiento, se recomienda utilizar un entorno que disponga de una buena ventilación.
- Mantenga el NVR alejado de agua y otros líquidos.
- Durante su distribución, el NVR debe estar empaquetado en su embalaje original.

NOTA: no se asume ningún tipo de responsabilidad derivada de cualquier tipo de fuego o daño eléctrico o electrocución fruto de un manejo o instalación incorrectos. No se asume ningún tipo de responsabilidad causada por modificaciones o intentos de reparaciones no autorizadas.

Introducción

Gracias por haber comprado el grabador de vídeo en red (NVR)
RVNVR04/RVNVR08/RVNVR16.

Esta guía rápida de inicio le ayudará a familiarizarse con su NVR en muy poco tiempo.

Componentes y accesorios

NVR:



Guía de instalación

Componentes del panel trasero de RVNVR04/RVNVR16

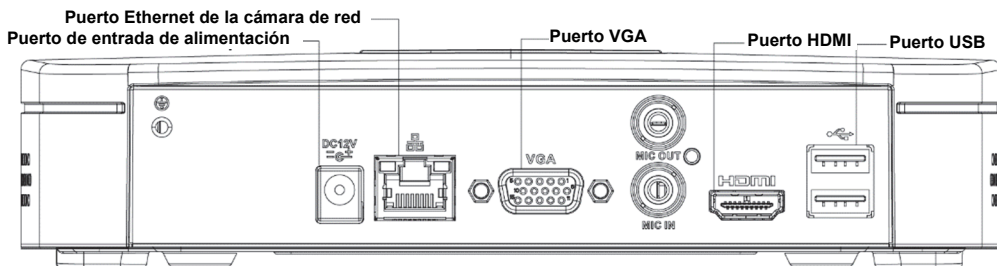


Figura 1 Componentes de los grabadores de vídeo en red RVNVR04/RVNVR16

Componentes del panel trasero de RVNVR08

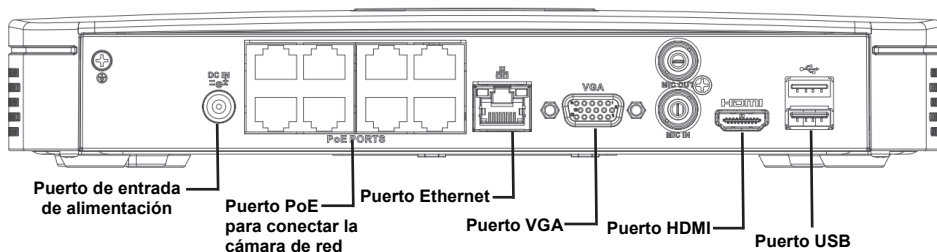


Figura 2 Componentes del grabador de vídeo en red RVNVR08

Instalación del disco duro



PELIGRO

¡Apague el dispositivo y desenchufe el cable de alimentación antes de abrir la carcasa para reemplazar el disco duro!

¡Todas las figuras se incluyen solo a modo de referencia!

En la primera instalación, compruebe si el disco duro se instaló previamente. Por favor, utilice un disco duro de 7200 rpm o superior.



① Afloje los tornillos en la parte inferior del chasis.



② Alinee el disco duro con los cuatro orificios en la parte inferior.



③ Ponga el dispositivo al revés y apriete los tornillos (suministrados) con firmeza.



④ Conecte el cable de datos y el cable de alimentación al disco duro y a la placa base respectivamente.



⑤ Vuelva a colocar la cubierta y fije los tornillos al panel posterior. La instalación ha finalizado.

Grabadores de vídeo en red y la aplicación para instaladores de RISCO Cloud

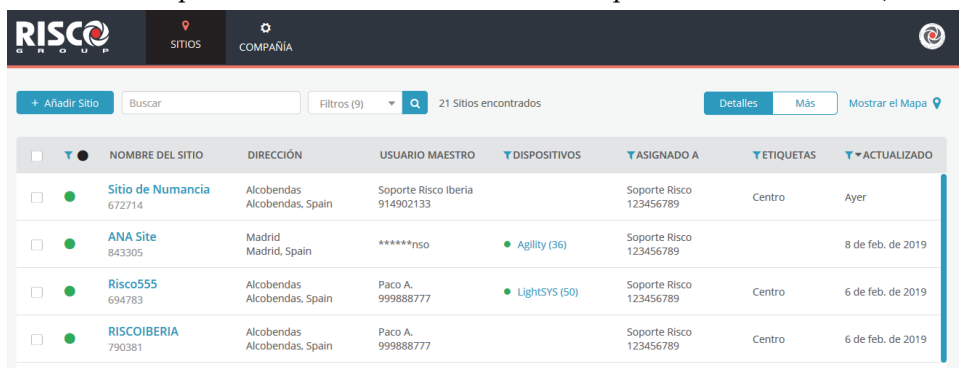
La aplicación para instaladores de RISCO Cloud proporciona una interfaz para el NVR. Esto permite añadir nuevos NVR o editar existentes.

IMPORTANTE– Un NVR primero debe instalarse físicamente para poder añadirlo al sistema.

Añadir un NVR

Para añadir un NVR:

1. Inicie sesión en la interfaz web para instaladores de RISCO Cloud (consulte la Guía Rápida de Instalación de RISCO Cloud para más instrucciones).



	NOMBRE DEL SITIO	DIRECCIÓN	USUARIO MAESTRO	DISPOSITIVOS	ASIGNADO A	ETIQUETAS	ACTUALIZADO
<input type="checkbox"/>	Sitio de Numancia 672714	Alcobendas Alcobendas, Spain	Soporte Risco Iberia 914902133		Soporte Risco 123456789	Centro	Ayer
<input type="checkbox"/>	ANA Site 843305	Madrid Madrid, Spain	*****nso	Agility (36)	Soporte Risco 123456789		8 de feb. de 2019
<input type="checkbox"/>	Risco555 694783	Alcobendas Alcobendas, Spain	Paco A. 999888777	LightSYS (50)	Soporte Risco 123456789	Centro	6 de feb. de 2019
<input type="checkbox"/>	RISCOIBERIA 790381	Alcobendas Alcobendas, Spain	Paco A. 999888777		Soporte Risco 123456789	Centro	6 de feb. de 2019

Figura 3 Página del listado de Sitios

2. Desde la página del listado de Sitios, seleccione el Sitio al que quiera añadir un NVR.
3. En la página que se muestra, pulse en el menú CÁMARAS IP y luego la pestaña lateral NVR.



ProSYS Plus Iberia Beta 5
781829

ASIGNADO A
Soporte Risco
Cambiar

SERVICIOS DE LA NUBE
Habilitado
Deshabilitar

INFORMACIÓN DEL SITIO | PROSYS PLUS (128) | CRA (16) | **CÁMARAS IP (2)** | AUTOMATIZACIÓN (0) | + Añadir una pestaña nueva

CÁMARAS
NVR
TRIGGERS
EVENTOS DE VÍDEO

+ Añadir nuevo NVR

No se añadió el NVR
Para agregar su primer nvr
haga clic en el botón Añadir nuevo NVR

Figura 4 Página de NVR

- Pulse el botón Añadir nuevo NVR; se abrirá el panel lateral Añadir nuevo NVR.

AÑADIR NUEVO NVR

NOMBRE

DIRECCIÓN MAC

Figura 5 Panel lateral Añadir NVR

- Introduzca un nombre para el NVR.
- Introduzca la dirección MAC del NVR.
- Pulse el botón Añadir; el NVR se añadirá a la red.

MODELO NVR - 8 ENCONTRADO
✕

✔ El Grabador de Vídeo se ha añadido correctamente

0 se descubrieron cámaras en la red del NVR.
 Seleccione las cámaras relevantes y haga clic en siguiente.

Licencia disponible: 0
 Cámaras seleccionadas 0/8

	NOMBRE DE LA CÁMARA	TIPO	DIRECCIÓN MAC	DIRECCIÓN IP	EN EL SITIO
<input type="checkbox"/>	E0508B1AB259	Descono...	E0508B1AB259	10.0.0.9	No
<input type="checkbox"/>	E0508BB6AFEB	Descono...	E0508BB6AFEB	10.1.1.68	No

Siguinte
Cancelar
Actualizar

Figura 6 NVR añadido

Todas las cámaras conectadas a la red del NVR se detectarán automáticamente y se mostrarán en el panel lateral.

8. Seleccione las casillas de las cámaras IP que quiera añadir al NVR.

NOTA: solo es posible añadir las cámaras IP de la lista que estén habilitadas. En raras ocasiones, cuando las cámaras IP están en la misma LAN y están conectadas a otro Sitio, se muestran pero no están habilitadas.

MODELO NVR - 8 ENCONTRADO
✕

✔ El Grabador de Vídeo se ha añadido correctamente

20 se descubrieron cámaras en la red del NVR. Licencia disponible: 0
 Seleccione las cámaras relevantes y haga clic en siguiente. Cámaras seleccionadas 2/8

	NOMBRE DE LA CÁMARA	TIPO	DIRECCIÓN MAC	DIRECCIÓN IP	EN EL SITIO
<input checked="" type="checkbox"/>	E0508B1981CB	Descono...	E0508B1981CB	10.0.0.100	No
<input checked="" type="checkbox"/>	E0508B1AB259	Descono...	E0508B1AB259	10.0.0.9	No

Siguiente
Cancelar

Actualizar

Figura 7 Seleccionar cámaras del NVR

9. Pulse Siguiente. Un asistente lo guiará a través de la configuración de cada una de las cámaras seleccionadas. Puede salir del asistente en cualquier momento.

Las pantallas del asistente contienen principalmente información de solo lectura. Para cada cámara debe seleccionar solo el modo de grabación requerido.

AÑADIR CÁMARA 14A78B26647C (1/2)	
NOMBRE DE LA CÁMARA	14A78B26647C
TIPO DE CÁMARA	<input checked="" type="radio"/> RISCO P2P <input type="radio"/> RISCO IP <input type="radio"/> Desconocido
DIRECCIÓN MAC	14A78B26647C
DIRECCIÓN IP	10.0.0.97
NVR	Grabando: <input type="radio"/> Movimiento Detectado <input checked="" type="radio"/> Continuo
<input type="button" value="Grabar & Continuar"/> <input type="button" value="Cancelar"/>	

Figura 8 Añadir cámara

10. Modo de grabación: si se selecciona "Movimiento Detectado", el NVR grabará solo si la cámara detecta movimiento. Si se selecciona la opción Continuo, la cámara grabará continuamente.
11. Pulse Grabar y Continuar. Repita el procedimiento para las otras cámaras hasta que todas las que haya seleccionado para el NVR estén configuradas. La siguiente pantalla proporciona un resumen de las cámaras que se han conectado correctamente o que no se pudieron conectar al NVR.
12. En el caso de cámaras Wi-Fi, aparece la siguiente pantalla.

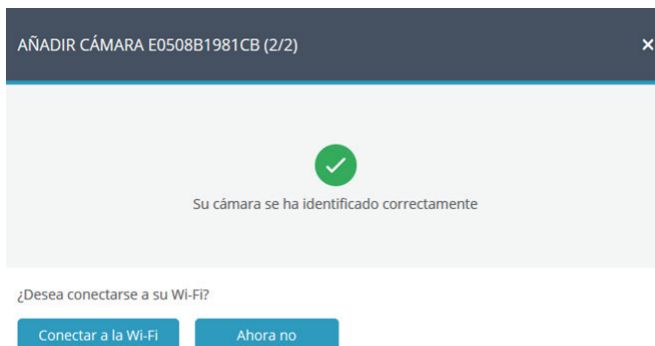


Figura 9 Conexión a una red Wi-Fi

13. Seleccione la red requerida e introduzca la contraseña.

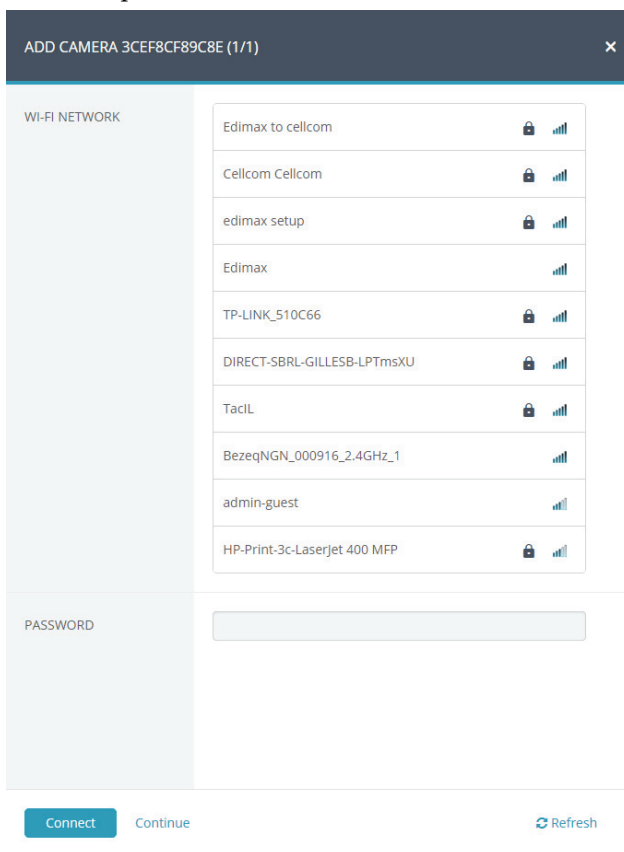


Figura 10 Selección de una red Wi-Fi

14. Pulse Conectar; se abrirá la pantalla de conexión Wi-Fi.

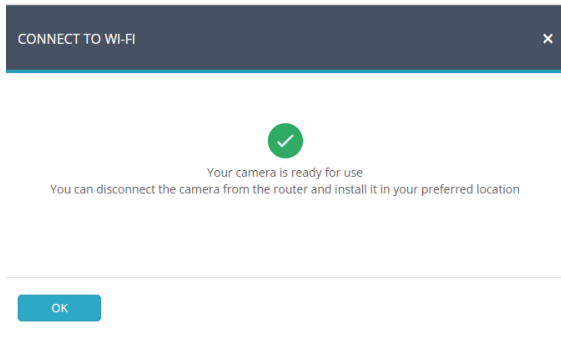


Figura 11 Conexión a una red Wi-Fi

15. Presione OK.

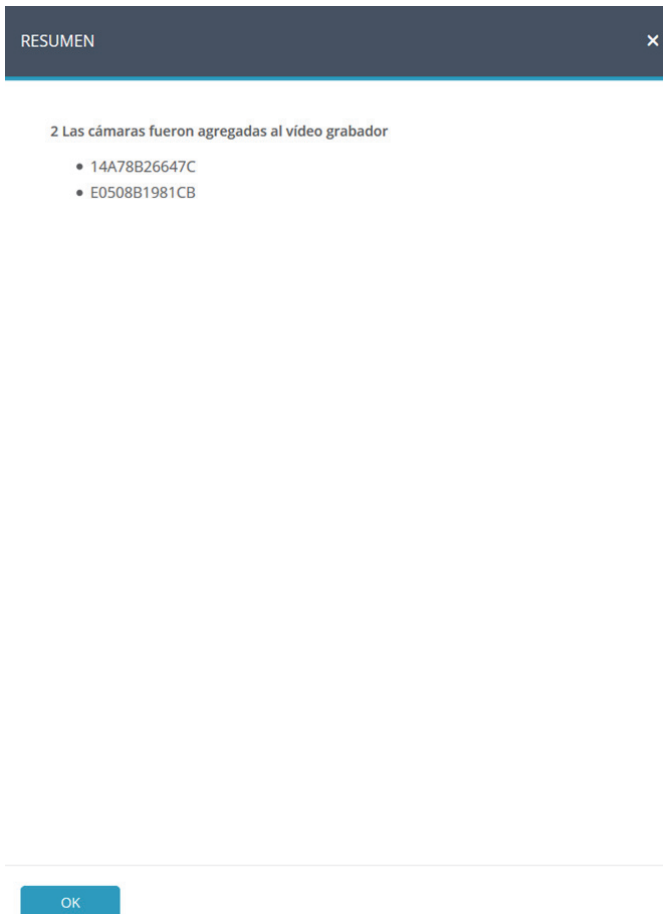


Figura 12 Resumen de cámaras añadidas al NVR

16. El NVR definido se muestra en la página de NVR y ahora se ha añadido al sitio.

The screenshot shows a web interface for NVR configuration. At the top, there are three main sections: 'NOMBRE DEL SITIO' (Site Name) with 'ProSYS Plus Iberia Beta 5' and ID '781829'; 'ASIGNADO A' (Assigned to) with 'Soporte Risco' and a 'Cambiar' (Change) link; and 'SERVICIOS DE LA NUBE' (Cloud Services) with a green dot and 'Habilitado' (Enabled) and a 'Deshabilitar' (Disable) link.

Below this is a breadcrumb navigation: 'INFORMACIÓN DEL SITIO | PROSYS PLUS (128) | CRA (16) | CÁMARAS IP (4) | AUTOMATIZACIÓN (0) | + Añadir una pestaña nueva'. A sidebar on the left contains 'CÁMARAS', 'NVR' (selected), 'TRIGGERS', and 'EVENTOS DE VÍDEO'. A '+ Añadir nuevo NVR' button is visible above the table.

	NOMBRE	TIPO	MAC	VERSIÓN	CANALES DISPONIBLES	CÁMARAS CONECTADAS
●	Nuevo NVR	8 canales PoE	9C1463251037	3.215.1050000.7	6	2

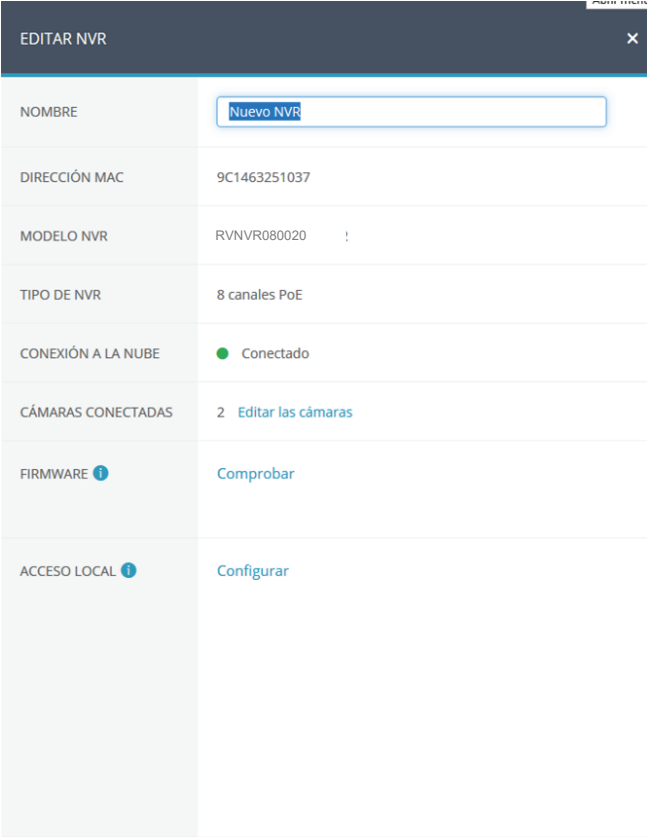
Figura 13 Página de NVR

Edición de un NVR

Puede editar un NVR seleccionado y añadir o eliminar cámaras del NVR.

Para editar un NVR:

1. Desde la página de NVR, pulse el nombre del NVR; se abrirá entonces la pantalla Editar NVR.



EDITAR NVR	
NOMBRE	<input type="text" value="Nuevo NVR"/>
DIRECCIÓN MAC	9C1463251037
MODELO NVR	RVNVR080020
TIPO DE NVR	8 canales PoE
CONEXIÓN A LA NUBE	● Conectado
CÁMARAS CONECTADAS	2 Editar las cámaras
FIRMWARE i	Comprobar
ACCESO LOCAL i	Configurar

Guardar Cancelar Borrar NVR

Figura 14 Editar pantalla de NVR

Campo	Descripción
Nombre	Cambie el nombre del NVR, si es necesario
Firmware	Pulse Comprobar para confirmar si hay una nueva versión de firmware disponible.
Acceso local	Pulse Configurar y luego seleccione UI/CGI para permitir el acceso a la interfaz web del NVR durante 60 minutos.

NOTA: puede eliminar el NVR del sitio pulsando Borrar NVR en la parte inferior derecha de la pantalla.

EDITAR NVR ✕

NOMBRE	<input type="text" value="Nuevo NVR"/>
DIRECCIÓN MAC	9C1463251037
MODELO NVR	RVNVR080020
TIPO DE NVR	8 canales PoE
CONEXIÓN A LA NUBE	● Conectado
CÁMARAS CONECTADAS	2 Editar las cámaras
FIRMWARE i	Versión del firmware: 3.215.1050000.7
ACCESO LOCAL i	<input checked="" type="checkbox"/> IU/IEC <input type="checkbox"/> Telnet

Guardar Cancelar Borrar NVR

Figura 15 Editar configuración de NVR

2. Pulse Guardar para guardar la configuración actual o pulse Editar cámaras para editar las cámaras del sitio; la lista de cámaras que aparece proporciona información sobre las cámaras conectadas al NVR y las cámaras en la red del NVR pero no añadidas al NVR.

EDITAR CÁMARAS DEL GRABADOR DE VÍDEO - 8 ENCONTRADO ✕

2 cámaras conectadas a la red del Vídeo Grabador. Licencia disponible: 0
 20 se descubrieron cámaras en la red del NVR. Cámaras conectadas 2/8

NOMBRE DE LA CÁMARA	TIPO	DIRECCIÓN MAC	DIRECCIÓN IP	
14A78B26647C	RISCO P2P	14A78B26647C	10.0.0.97	Eliminar
E0508B1981CB	RISCO P2P	E0508B1981CB	10.0.0.100	Eliminar

Añadir cámaras a este grabador de vídeo Cámaras seleccionadas 0/6

NOMBRE DE LA CÁMARA	TIPO	DIRECCIÓN MAC	DIRECCIÓN IP	EN EL SITIO
<input checked="" type="checkbox"/> 3CEF8C764808	Descono...	3CEF8C764808	10.0.0.41	No
<input checked="" type="checkbox"/> 3CEF8C993AB1	Descono...	3CEF8C993AB1	10.0.0.40	No

Cámaras ya conectadas al NVR }

Cámaras que se pueden añadir }

Figura 16 Editar cámaras de NVR

- Si quiere añadir una cámara al NVR, seleccione la casilla de verificación de la cámara que desee añadir y pulse Añadir cámaras. Se abrirá el panel lateral Añadir cámara.

AÑADIR CÁMARA 14A78B26647C (1/2)	
NOMBRE DE LA CÁMARA	14A78B26647C
TIPO DE CÁMARA	<input checked="" type="radio"/> RISCO P2P <input type="radio"/> RISCO IP <input type="radio"/> Desconocido ⓘ
DIRECCIÓN MAC	14A78B26647C
DIRECCIÓN IP	10.0.0.97
NVR	Grabando: <input type="radio"/> Movimiento Detectado <input checked="" type="radio"/> Continuo
<input type="button" value="Grabar & Continuar"/> <input type="button" value="Cancelar"/>	

Figura 17 Añadir cámara

- Desde la pantalla que se abre, seleccione el tipo de cámara y el modo de grabación. Si se selecciona "Detección de movimiento", el NVR grabará solo si la cámara detecta movimiento. Si se selecciona la opción Continuo, la cámara grabará continuamente.
- Después de hacer su selección, pulse Guardar y continuar.

La siguiente pantalla proporciona un resumen de las nuevas cámaras añadidas al NVR.

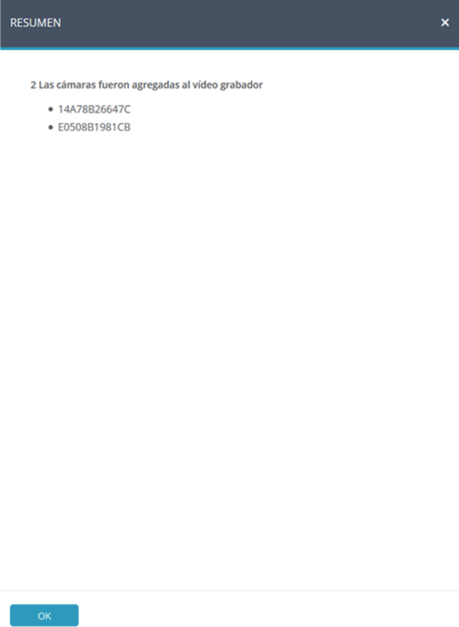


Figura 18 Cámaras añadidas al NVR

6. Pulse OK.

Especificaciones del producto

Consulte la siguiente tabla para ver las especificaciones de rendimiento del producto.

Parámetro		
Sistema	Procesador principal	Procesador integrado de cuatro núcleos
	SO	LINUX integrado
Audio y Video	Entrada de cámaras IP	4/8/16 Canales
	Habla bidireccional	1 canal de entrada, 1 canal de salida, RCA
Pantalla	Interfaz	1 HDMI, 1 VGA
	Resolución	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720
		VGA: 1920×1080, 1280×1024, 1280×720
	Capacidad de decodificación	2 canales a 4K (30fps)/8 canales a 1080P (30fps)
	Multipantalla	4 canales: 1/4
8 canales: 1/4/8/9		
16 canales: 1/4/8/9/16		
Grabación	Compresión	Smart H.265+/H.265/Smart H.264+/H.264
	Resolución	8 MP/6 MP/5 MP/4 MP/3 MP/1080P/1.3 MP/720P, etc.
	Velocidad de grabación	80 Mbps
	Velocidad de bits	16 Kbps ~ 20 Mbps por canal
	Modo de grabación	Continuo, Movimiento
	Intervalo de grabación	1 ~ 120 min (predet.: 60 min), Pregrabación: 1 ~ 30 seg, Posgrabación: 10 ~ 300 seg
Reprod. y respaldo	Modo de búsqueda	Hora/Fecha
	Modo de respaldo	Smartphone, red, USB
Red	Interfaz	1 puerto RJ-45 (10/100Mbps)
	Puerto Ethernet	1 puerto Ethernet independiente de 100 Mbps
	PoE	IEEE802.3at/af
	Smartphone	iPhone, iPad, Android
	Interoperabilidad	ONVIF 2.4, SDK, CGI

Parámetro		
Almacena miento	Disco duro interno	1 SATA III Port, hasta 6 TB de capacidad
	Modo de disco duro	Único
Datos eléctricos	Fuente de alimentación	48V CC/1,5A
	Consumo de energía: 4/16 canales	NVR: <7,5 W (sin disco duro)
		PoE: Máx. 25,5 W para puerto único, 50 W en total
	Consumo de energía: 8 canales	NVR: <8,3 W (sin disco duro)
PoE: Máx. 25,5 W para puerto único, 80 W en total		
Datos medioambientales	Condiciones de funcionamiento	-10 °C ~ +55 °C, 86 ~ 106 kpa
	Condiciones de almacenamiento	-20 °C ~ +70 °C, 0 ~ 90 % HR
Construcción 4/16 canales	Dimensiones 4/16 canales	Smart 1U, 204,6 mm×204,6 mm×45,6 mm
	Peso neto: 4/16 canales	0,45 kg (sin disco duro)
	Peso bruto: 4/16 canales	1,5 kg (sin disco duro)
	Dimensiones 8 canales	Smart 1U, 270 mm×204,7 mm×45,7 mm
	Peso neto: 8 canales	0,65 kg (sin disco duro)
	Peso bruto: 8 canales	1,8 kg (sin disco duro)
Certificación	CE	EN55032, EN55024, EN50130-4, EN60950-1
	FCC	Apartado 15 subapartado B

Declaración de Conformidad EMC

Por la presente, RISCO Group declara que este equipo cumple con los requisitos esenciales y otras disposiciones relevantes de la Directiva 2014/30/EU. Para la Declaración de Conformidad CE, por favor diríjase a nuestra web: www.riscogroup.com

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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.

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