

VUpoint

Cube Indoor P2P IP Camera



Model: RVCM11W

EN

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IT

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Installation Guide

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VUpoint

Cube Indoor P2P IP Camera



Model: RVCM11W

EN



<http://VUpoint-P2P.riscogroup.com/How-to-Install/>

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 camera.
- Do not drop the camera or subject it to physical shock.
- Do not touch sensor modules with fingers. If cleaning is necessary, use a clean cloth with a bit of ethanol and wipe it gently.
- Do not aim the camera lens at the strong light such as sun or incandescent lamp. The strong light can cause fatal damage to the camera.
- The sensor may be burned out by a laser beam, so when any laser equipment is being used, make sure that the surface of the sensor not be exposed to the laser beam.
- Do not place the camera in extremely hot, cold temperatures (the operating temperature should be between -10°C ~ +50°C).
- To avoid heat accumulation, good ventilation is required for a proper operating environment.
- Keep the camera away from water and any liquid.
- While shipping, the camera 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

RISCO Group presents VUpoint, a revolutionary live video verification solution which seamlessly integrates IP Cameras within RISCO's professional security systems. Powered by the RISCO Cloud (RISCO Application Server), VUpoint provides an unprecedented level of security and live video monitoring capabilities to monitoring stations and end-users alike. The RISCO Cube indoor IP Camera is an important part of this solution and is easily controlled through RISCO's intuitive Web and Smartphone applications.

Features

- Plug & Play installation
- 1.3 Megapixel
- Color HD
- Day/Night
- IR LED Length 10m
- Two-way audio

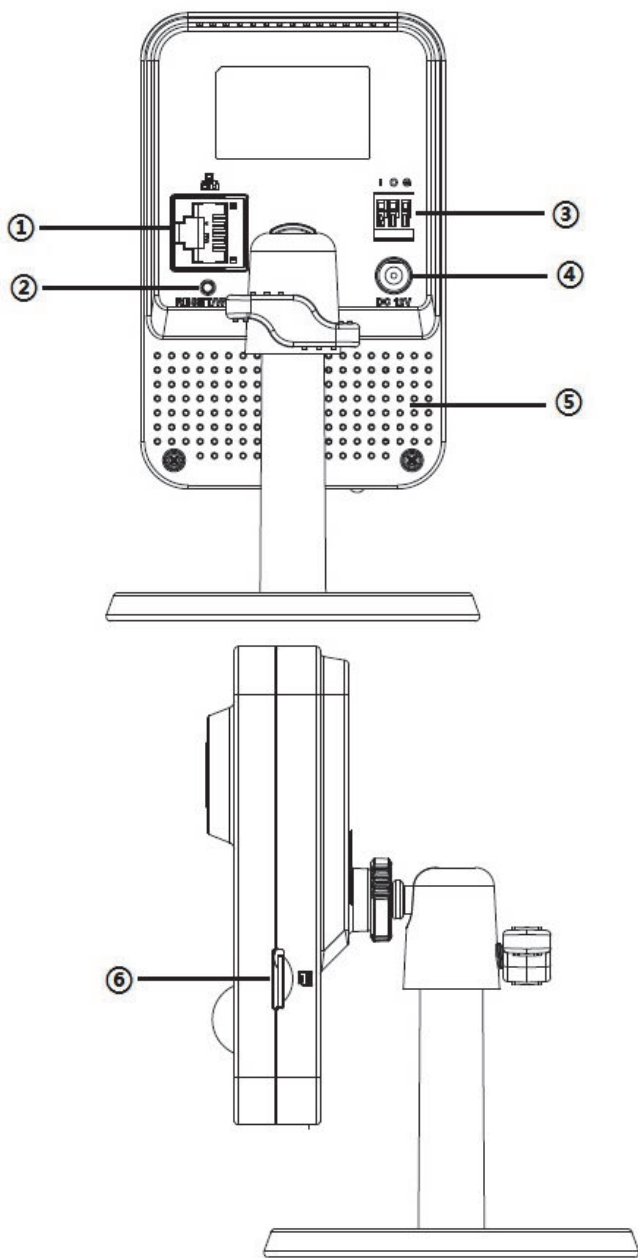
Components and Accessories

RISCO IP camera and
mounting bracket:



Installation guide

IP Camera Components and Dimensions



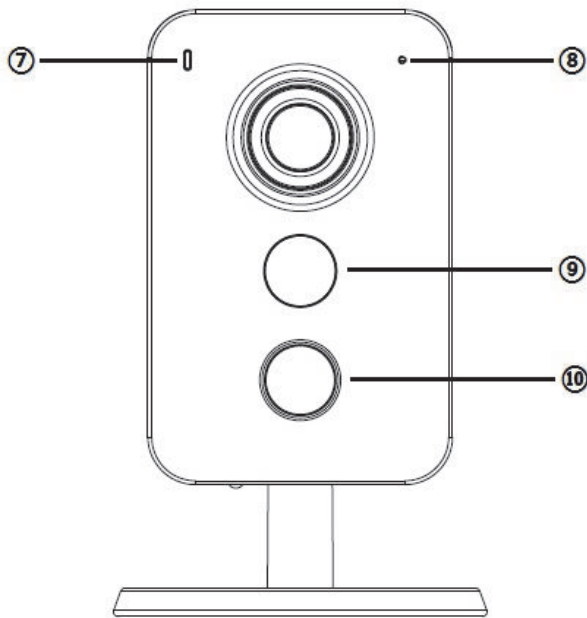


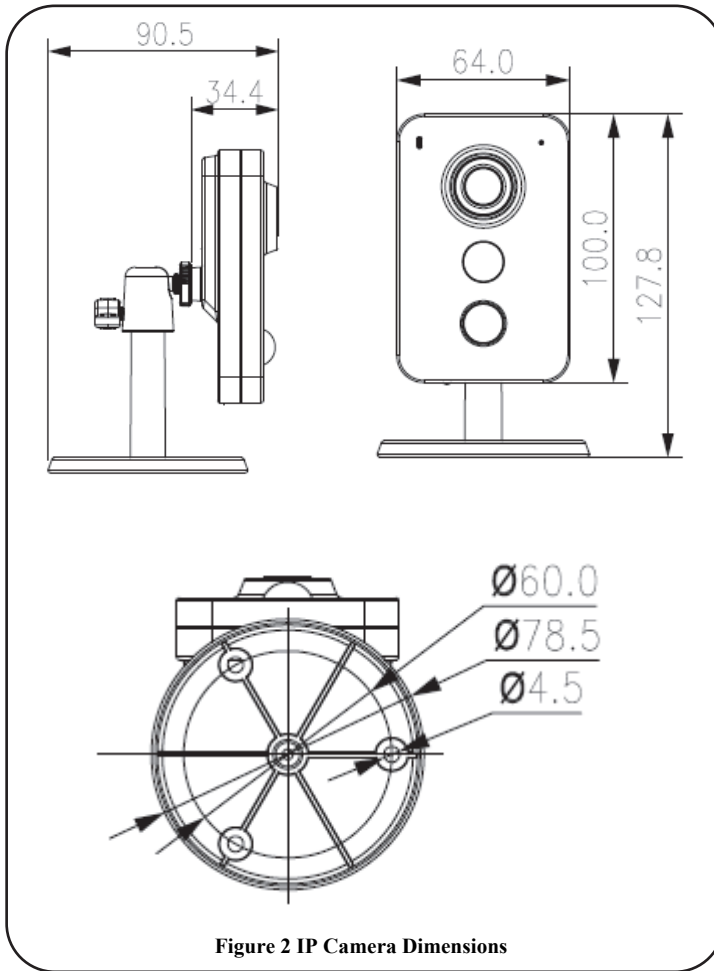
Figure 1 IP Camera Components

Label	Description
1	Network port (Wireless connection mode is available as well)
2	Reset/WPS (Wi-Fi Protected Setup) button
3	Digital input/output
4	Power port
5	Built-in speaker
6	Micro SD card slot
7	Indicator light
8	Built-in MIC
9	IR LED
10	PIR (Sense IR ray, trigger alarm)

Note:

- For reset (used to return the camera settings to factory default mode), long press for 15 seconds and then the light turns off
 - For WPS (Wi-Fi Protected Setup), one quick press.
-

Indication	Status
Red light normally on	Booting
Green light slow flashing	IP Camera is not connected to the RISCO Cloud. Please check for internet connection and try to connect again by rebooting the IP Camera.
Green light quick flashing	WiFi smart config in progress, including WPS (WiFi Protected Setup), management frame and etc.
Green light normally on	IP Camera is successfully connected to the RISCO Cloud.
Red and green lights flash alternately	Device upgrade
Red light slow flashing	Network connection failure or disconnection after network connection success.
Red light quick flashing	Device malfunction, fail to boot up; alarm or SD card malfunction



IP Camera Installation

After reading the installation instructions and before installing your IP camera, prepare a plan for mounting the IP camera at your protected site. Correct placement of your IP camera is crucial for optimal security-monitoring performance. First, determine which areas need to be protected and then map out the most optimal areas for installing your IP camera.

IMPORTANT! – Please make a record of the MAC address located on the box or on the back cover of the IP camera before installation. You may need it during the network connection stage.

MAC address





14 Hachoma St., Rishon Le Zion, ISRAEL
IP Cam: Cube, 1.3MP, WIFI, SD, Audio
INPUT: 12V, 2mm, 3A



P/N: RVCM11W0000B



MAC: AA:BB:CC:DD:EE:FF



S/N: XXXXXXXXXXXXXXXX

FCC ID: 2AATL-8112MET
Made in China

55TN2402



Mounting the IP Camera

The IP camera support two mounting options; ceiling and wall mount (see Figure 3, below).

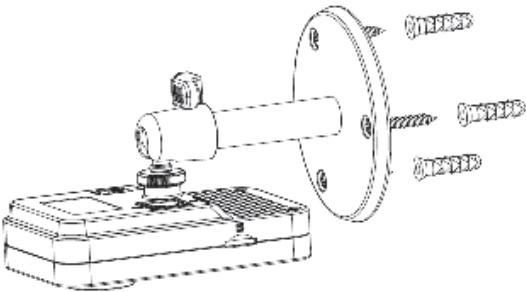


Figure 3 Wall / Ceiling Mount

IMPORTANT- Please make sure the installation surface can support at least 3 times the weight of the camera and the bracket.

Step	Description
1	Place the installation positioning template on the installation surface such as ceiling or wall.
2	Make holes in the installation surface according to the installation positioning template.
3	Insert the expansion bolts from the accessories bag into the holes you just made.
4	Position the IP camera base over the holes
5	Use the screws from the accessories bag to secure the IP camera firmly.

Step	Description
6	Loosen the adjust knob and adjust the IP camera to the correct surveillance position according to your actual requirements.
7	Secure the adjust knob to fix the IP camera.

Powering-up the IP Camera

1. Connect power to the Power port on the IP camera.
2. Connect power to an electrical outlet. When the IP camera boots up, the GREEN power indicator light flashes.

Connecting the IP Camera to the Network

The IP camera supports several network connection options including LAN and Wireless.

Connecting to a LAN Network

Connecting the IP camera to a network using the LAN (Local Area Network) enables easy connection and setup with compatible APs (Access Points), e.g. gateway or router.

1. Connect the incoming network cable to the Network port on the IP camera.
2. The GREEN network indicator lights to indicate that your IP camera is now connected to the network. Continue as explained in Defining IP Camera Settings.

Connecting to a Wireless Network using WPS

Connecting the IP camera to a wireless network using WPS (Wi-Fi Protected Setup) requires that the router supports WPS functionality.

NOTE – Some routers have a virtual button on their management software. (Refer to the router's documentation for details about using its WPS functions).

1. Once the power cord is connected, wait for slow flashing GREEN network indicator.
2. Momentarily press the WPS button on the IP camera and hold down the WPS button on the router for 2 seconds. The GREEN network indicator light indicates that your IP camera is now connected to the network. Continue as explained in Defining IP Camera Settings.

Connecting to a Wireless Network using the RISCO Cloud

Connecting the IP camera to a wireless network using the RISCO Cloud (RISCO Application Server) requires that you first connect the IP camera to the router via the LAN and then, from the RISCO Cloud Installer Application, define the IP camera settings and establish a wireless connection. Once a wireless connection has been established the IP camera can then be disconnected from the router and installed/mounted.

1. Connect the incoming network cable to the Network port on the IP camera.
2. The GREEN network indicator lights to indicate that your IP camera is now connected to the network. Continue as explained in Defining IP Camera Settings.

NOTE – Before disconnecting you must configure the wireless network through the RISCO Cloud.

3. Once a wireless connection has been established, you may disconnect the IP Camera from the router and install/mount it anywhere within the monitored area.

IP Cameras and the RISCO Cloud Installer Application

The RISCO Cloud Installer Application provides an interface to your control panel from a local or remote PC via the Web. This enables you to add IP cameras and define camera and event alarm trigger settings.

IMPORTANT – A control panel must first be defined in RISCO Cloud in order to accept IP cameras and define camera settings (refer to the RISCO Cloud Installer Application Manual)

Defining IP Camera Settings

Once you have connected the IP camera to the network (refer to, Connecting the IP Camera to the Network) you can define the camera settings.

To define IP camera settings:

1. Log into the Installer Administration application using the Web page address supplied by your service provider and enter your user name and password.

NOTE – It is recommended to use Google Chrome or Mozilla Firefox to log into the Installer Administration application.

2. Select the Control Panels List link. The Control Panels List page is displayed.

Users ListService Providers ListControl Panels ListStatisticsServices InfoLogout

CustomizationConfigurationsControl Panels GroupsEmail & SMS SettingsSMS/Email TrafficLicenses

Control Panels from group All Panels (Page 1/4)

Find Control Panels where Last Name begins with Find

CP Login ID	Web Login ID	First Name	Last Name	Cell Phone	Provider (1st)	Account	Last Connected Time	Online?
TCONNECT203							7/17/2012 9:39:48 AM	No
22400000123							4/19/2012 5:34:47 PM	No
22400048768								Never
22400036472							5/14/2012 3:26:34 PM	No
22400000014							4/25/2012 9:00:11 AM	No
22400065764							5/21/2012 3:25:56 PM	No
22400000010							4/30/2012 1:11:16 PM	No
22400066013							5/2/2012 4:55:14 PM	No
22400000012							9/27/2012 1:01:38 PM	No
22400065725							9/19/2012 12:27:16 PM	No

New Customer

Note: A new panel shall be automatically assigned to the currently selected CP group.

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Figure 4 Control Panels List Page

3. From the Control Panels List page, select the Control Panel you wish to view. The Control Panels Update page is displayed.

Figure 5 Control Panel Update Page

- Click the Network Cameras link in the left-hand column; the IP Camera List page is displayed.

Figure 6 IP Cameras List

- Click Add Camera; the Add Camera dialog box is displayed.
- Select the RISCO P2P Camera type.

Figure 7 Add Camera

- Define the following fields in the Add Camera dialog box.

Field	Description
Label	Enter a name for the camera
Partitions	Select the partition(s) from the list of defined partitions
Type	Choose the RISCO P2P Camera type (for ONVIF or Generic camera type settings, refer to the RISCO Cloud Installer Application Manual)

MAC Address	Enter the MAC address into this field. The MAC address (media access control address) is the unique identifier assigned to the IP camera for communications on the physical network. NOTE: The MAC address is case sensitive and should be entered exactly as it is shown on the box or on the back cover of the IP camera, e.g. AA:BB:CC:DD:EE:FF
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8. Click Add; the following message is displayed.

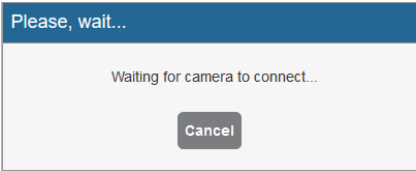


Figure 8 Waiting for camera to connect message

If the “Connect to WiFi” message is displayed, go straight to step 8.

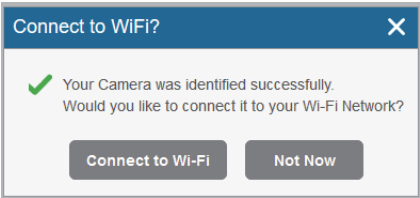


Figure 9 Connect to WiFi message

9. Select one of the following options:
- Connect to Wi-Fi** – to establish a wireless network connection (go to step 9 to connect the IP camera to the wireless network).
 - Not Now** – to maintain IP Camera connection using a LAN network connection (skip the wireless network connection steps 10, 11 and 12 and connect the IP camera to the LAN network).
10. If you selected the “Connect to Wi-Fi” option, a list of available wireless networks is displayed.

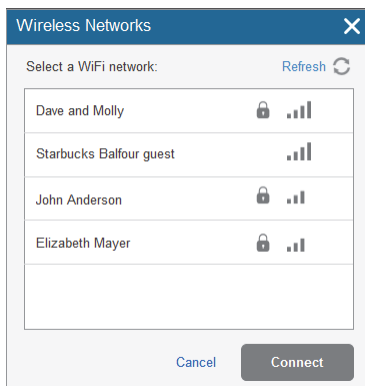


Figure 10 List of available wireless networks

11. Select a wireless network from the available list and click Connect.

NOTE – If your network is password protected, a password must be entered into the displayed password screen.

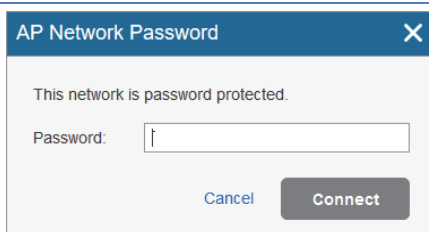


Figure 11 AP Network Password

12. Click Connect to establish the wireless connection (refer to Connecting to a Wireless Network using the RISCO Cloud); the following success message is displayed.

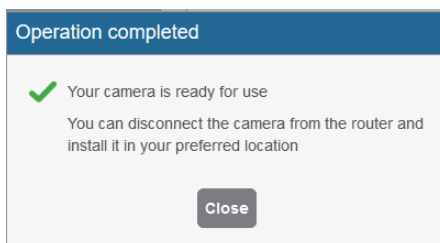


Figure 12 Operation Completed

13. Once the “camera is ready for use” message is displayed, click Close. The defined IP camera is displayed in the IP Cameras page.

NOTE – Once a wireless connection has been established, don’t forget to disconnect the IP camera Ethernet cable from the router.

IP Cameras

Cameras

Triggers

+ Add Camera

Label	Partition	Type	MAC Address	Wi-Fi	Actions
Main Entrance cam	Lobby Floor	RISCO	00-10-5A-44-12-B5	Connected	
Front yard cam	Lobby Floor, Storage Rooms	RISCO	00-10-2B-36-11-18	Connect	
Lobby cam	Lobby Floor	Generic	11-10-5A-44-12-B5	Connect	
Living Room	Storage Rooms	ONVIF	07-10-5A-4A-28-B6	Connected	
Second Floor north cam	Storage Rooms	ONFIV	00-10-5A-44-12-B5	Connected	
Basement	Sun Microsystems	RISCO	03-10-5A-44-12-B5	Connected	

Figure 13 IP Camera List

NOTE – You also have the option to edit or delete the selected IP camera.

14. Click the FW Action button below to check if the firmware is up-to-date.

IP Cameras

Cameras

Triggers

+ Add Camera

Label	Partition	Type	MAC/IP Address	Wi-Fi	Actions
Cube - Office	Partition 1	RISCO P2P Camera	3C:EF:8C:DF:6C:59	Risco-Guest	

Figure 14 Firmware Update

The newer Firmware version will be displayed in the screen that opens, if applicable.

Firmware Update

Current FW version:

2.400.0000.2.R

Newer FW version:

2.400.0000.3.R

FW update state:

You can initiate the update manually.

Update FW

Close

Figure 15 Newer Firmware Version

Defining Camera Trigger Settings

Any event from the following list can be defined to trigger an alarm.

Partition Events			
Fire Alarm	Panic Alarm	Medical Alarm	Alarm
Full Arm	Part Arm	Disarmed	Duress
Tamper	24 HR-X Alarm	Water Alarm	Gas Alarm
Environ. Alarm	No Motion Alarm	Exit Alarm	Low Temperature
Detector Events			
Alarm	Zone Bypassed	Zone Un-bypassed	Zone Tamper

To define camera trigger settings:

- From the Control Panel Cameras page, click the Triggers tab, the Camera Triggers List page is displayed.

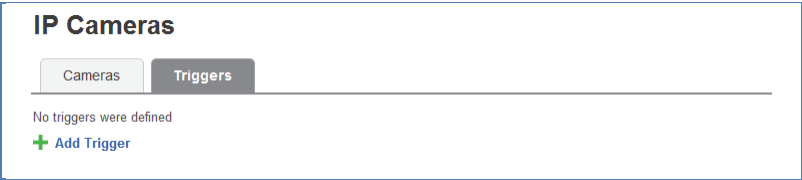


Figure 16 Camera Triggers List

- Click Add Trigger; the Add Triggers dialog box appears.

The screenshot shows a dialog box titled "Add New Trigger" with a close button (X) in the top right corner. On the left side, there are five labeled input fields: "Label:" (text box), "Camera:" (dropdown menu with "Select..." option), "Event Type:" (dropdown menu with "Follow Partition" selected), "Partitions:" (dropdown menu with "Select partitions" option), and "Event:" (dropdown menu with "Select..." option). On the right side, there are two sections. The first section is titled "Images" with an unchecked checkbox. It contains three rows of settings, each with a minus button, a text input, and a plus button: "Pre-event starting time (sec):" with value "2", "Number of images:" with value "5", and "Interval between images (sec):" with value "1.0". The second section is titled "Clip" with an unchecked checkbox. It contains two rows of settings: "Pre-event starting time (sec):" with value "5" and "Duration (sec):" with value "30". At the bottom right of the dialog are two buttons: "Cancel" and "Done".

Figure 17 Add Trigger

3. Define the following fields in the Add Trigger dialog box:

Field	Description	Event Type
Label	Enter a name for the camera trigger	Partition and Detector events
Camera	Choose a camera from the list	Partition and Detector events
Event Type	Choose an event type from the list	Partition and Detector events
Event	Choose the event from the list, e.g. alarm, duress, etc.	Partition and Detector events

Additional fields are displayed in the Add Trigger dialog box according to the event type that you selected (see examples below for Partition and Detector event types).

The screenshot shows the 'Add New Trigger' dialog box with the 'Event Type' set to 'Follow Partition'. The fields include: Label (text input), Camera (dropdown), Event Type (dropdown), Partitions (dropdown), and Event (dropdown). On the right, there are checkboxes for 'Images' and 'Clip'. Below 'Images' are three numeric inputs: 'Pre-event starting time (sec)' (2), 'Number of images' (5), and 'Interval between images (sec)' (1.0). Below 'Clip' are two numeric inputs: 'Pre-event starting time (sec)' (5) and 'Duration (sec)' (30). At the bottom are 'Cancel' and 'Done' buttons.

Figure 18 Add Partition Event Trigger

The screenshot shows the 'Add New Trigger' dialog box with the 'Event Type' set to 'Follow Detector'. The fields include: Label (text input), Camera (dropdown), Event Type (dropdown), Detector (dropdown), and Event (dropdown). On the right, there are checkboxes for 'Images' and 'Clip'. Below 'Images' are three numeric inputs: 'Pre-event starting time (sec)' (2), 'Number of images' (5), and 'Interval between images (sec)' (1.0). Below 'Clip' are two numeric inputs: 'Pre-event starting time (sec)' (5) and 'Duration (sec)' (30). At the bottom are 'Cancel' and 'Done' buttons.

Figure 19 Add Detector Event Trigger

4. Define the following fields in the Add Trigger dialog box according to the event type that you selected.

Field	Description	Event Type
Partition(s)	Select the partition(s) from the list. NOTE – Only partitions associated with the camera are displayed.	Partition events only
Detectors	Select the detector from the list	Detector events only

5. Define the following image (still) and clip (video) definitions:

Field	Description
Images (still)	Pre-event starting time (sec) – time, before the actual event occurred, to start displaying still images. Number of images – number of still images to display. Interval between images (sec) – time required between each still image.

Clips (video)	Pre-event starting time (sec) – time, before the actual event occurred, to start displaying video clip. Duration (sec) – total duration of the video clip NOTE – These fields are currently locked and the default parameters cannot be changed.
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NOTE: To be able to record video clips, make sure to insert an SD Card and then power down/up the camera.

6. Once finished, click Done. The defined camera trigger is displayed in the Camera Triggers List page.

IP Cameras

Cameras

Triggers

+ Add Trigger

Label	Event	Camera	Camera Operations	Actions
Lobby floor alarm	Partition - Lobby Floor Alarm Follow	Street cam North	3 images, 10 seconds clip	  
Storage Tamper	Partition - Storage Rooms Tamper Follow	Street cam South	1 image	  
Lobby Arming	Detector - Lobby South-East Arm Follow	Lobby main cam	5 images, 20 seconds clip	  

Duplicate

Figure 20 Camera Triggers List

NOTE – You also have the options to edit , create a duplicate , or to delete  the selected camera trigger.

IMPORTANT – No two camera triggers can be defined as identical. If a camera trigger is duplicated, the event, camera or both definitions must be changed.

Advanced Settings

For security reasons, measures have been taken to minimize the risks of hacking by restricting access to the IP Camera. However, in some cases, it is necessary to modify the default IP Camera settings according to requirement in the field. This is performed by experienced installers with special permission to access the IP Camera settings.

To Access the IP Camera Settings

1. Click the “...” button below to enable the UI/CGI option.

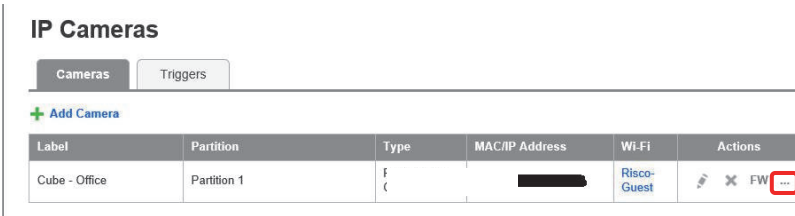


Figure 21 IP Camera Settings

The following screen appears.



Figure 22 Enable UI/CGI Option

2. Select the UI/CGI checkbox.
3. Click Save.

The installer is now provided with access to the Web interface of the IP Camera for a duration of one hour. Open an Internet browser and enter the IP address of the camera. By Default, the Username and Password for the IP Camera login is “admin” and “_AdmiN_+ IP Camera MAC address” (for example, _AdmiN_AABBCCDDEEFF).

NOTE: After one hour, access to the camera will be disabled.

Connecting to a Local Network Video Recorder (NVR)

The installer can connect the IP Camera to a local NVR. The installer must determine the IP Address of the IP Camera and configure it as an ONVIF camera in the NVR. In addition, the installer must enter the IP Camera's credentials. By Default, the Username and Password for the IP Camera login is "admin" and "AdmiN_ + IP Camera MAC address" (for example, AdmiN_AABBCCDDEEFF). The same credentials are used for the ONVIF camera.

The installer can now also access the live stream from the IP Camera.

NOTE: Changes performed on the default IP Camera settings are at the responsibility of the installer.

Product Specification

Model		RVCM11W0000B
Camera		
Image Sensor		1/3" 1.3Megapixel CMOS
Effective Pixels		1280(H)x960(V)
Scanning System		Progressive
Electronic Shutter Speed		Auto/Manual, 1/3(4)~1/30000
Min. Illumination		0.85lux/F2.5(color),0lux/F2.5(IR on)
S/N Ratio		More than 50dB
Video Output		N/A
Camera Features		
Max. LEDs Length		10m
Day/Night		Auto(ICR) / Color / B/W
Backlight Compensation		BLC / HLC / DWDR
White Balance		Auto/Manual
Gain Control		Auto/Manual
Noise Reduction		3D
Lens		
Focal Length		2.8mm
Max Aperture		F2.5
Focus Control		Manual
Angle of View		95°
Lens Type		Fixed Lens
Mount Type		Board-in Type
Video		
Compression		H.264/MJPEG
Resolution		1.3MP/720P/VGA/QVGA
Frame Rate	Main Stream	1.3MP/720P(1~30fps)
	Sub Stream	VGA/QVGA(1~30fps)
Bit Rate		H.264: 32Kbps~8192Kbps
Audio		
Compression		G.711a;G.711Mu;AAC
Interface		Built-in Mic/Speaker

Network	
Ethernet	RJ45
Wi-Fi	Wi-Fi(IEEE802.11b/g/n) 50m(open field)
Protocol	P2P, HTTP; HTTPS; TCP; IPV4/IPV6 ;UDP; RTSP; ICMP; RTP; DHCP; NTP; IGMP; ARP; DNS; DDNS; SMTP; UPNP; Bonjour; Qos, FTP
Compatibility	ONVIF CGI
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android
Auxiliary Interface	
Memory Slot	Micro SD, up to 128GB
RS485	N/A
Alarm	1 in/1 out
PIR Sensor Range	Yes, 6m
USB	Micro USB
General	
Power Supply	DC 12V
Power Consumption	<4.5W
Frequency and Power	2412 – 2462 MHz, 0.0215 W 2422 – 2452 MHz, 0.0095 W
Working Environment	-10°C~+45°C, Less than 95%RH
Ingress Protection	N/A
Vandal Resistance	N/A
Dimensions(W×D×H)	Φ78.5mm×127.8mm
Weight	0.45KG with package

NOTES

NOTES

VUpoint

Caméra IP P2P Cube Intérieure



Modèle : RVCM11W

FR



<http://VUpoint-P2P.riscogroup.com/How-to-Install/>

Guide d'Installation

Consignes de sécurité

Ces instructions sont destinées à faire en sorte que l'utilisateur puisse utiliser le produit correctement pour éviter tout danger ou toute perte matérielle.

MISES EN GARDE :

- Toute installation ou utilisation de ce produit sans respecter l'usage prévu tel que défini par le fournisseur et comme décrit dans les matériels pédagogiques peut entraîner des dommages, des blessures ou 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 CC conformément à la norme IEC60950-1.
- Si ce produit est raccordé de façon permanente à une source d'alimentation électrique, un dispositif de déconnexion facilement accessible, tel qu'un disjoncteur, doit être mis en place. Veillez à ne pas connecter simultanément les deux sources d'alimentation à l'appareil, car cela risque de l'endommager.
- 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 maintenance.

AVERTISSEMENTS :

- Assurez-vous que la tension d'alimentation est correcte avant d'utiliser la caméra.
- Veillez à ne pas laisser tomber la caméra ou à la soumettre à des chocs physiques.
- Ne touchez pas les modules capteurs avec les doigts. Si un nettoyage est nécessaire, utilisez un chiffon propre avec un peu d'éthanol et essuyez délicatement.
- N'exposez pas l'objectif de la caméra à une source lumineuse puissante, notamment à la lumière du soleil ou à une lampe à incandescence. Ces sources lumineuses risquent de provoquer des dommages matériels irréversibles.
- Un faisceau laser peut brûler le capteur ; par conséquent, lors de l'utilisation d'un appareil laser, vérifiez que la surface du capteur n'est pas exposée au faisceau laser.
- N'exposez pas la caméra à des températures extrêmes froides ou chaudes (la température de fonctionnement doit être comprise entre -10 °C et +50 °C).
- Pour éviter l'accumulation de chaleur et assurer un environnement d'utilisation correct, une bonne ventilation est nécessaire.
- N'exposez pas la caméra à de l'eau ou à tout autre liquide.
- Lors du transport, la caméra doit être placée dans son emballage d'origine.

NOTE : 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 autorisées.

Introduction

RISCO Group présente VUpoint, une solution de vérification vidéo en direct révolutionnaire qui intègre de façon transparente les caméras IP au sein de nos systèmes de sécurité professionnels Géré par RISCO Cloud, VUPoint offre un niveau de sécurité sans précédent en offrant la surveillance vidéo en direct aux stations de télésurveillance et aux utilisateurs commerciaux/résidentiels. La Caméra IP Cube Intérieure de RISCO est une partie importante de cette solution et est facilement contrôlé par les applications Smartphone et Web intuitives de RISCO.

Caractéristiques

- Installation Plug & Play
- 1,3 Mégapixel
- Couleur HD
- Modes Jour/Nuit
- LED IR d'une portée de 10 m
- Son bidirectionnel

Composants et accessoires

Caméra IP RISCO et
support de montage :



VUpoint

Caméra IP Intérieure Cube P2P

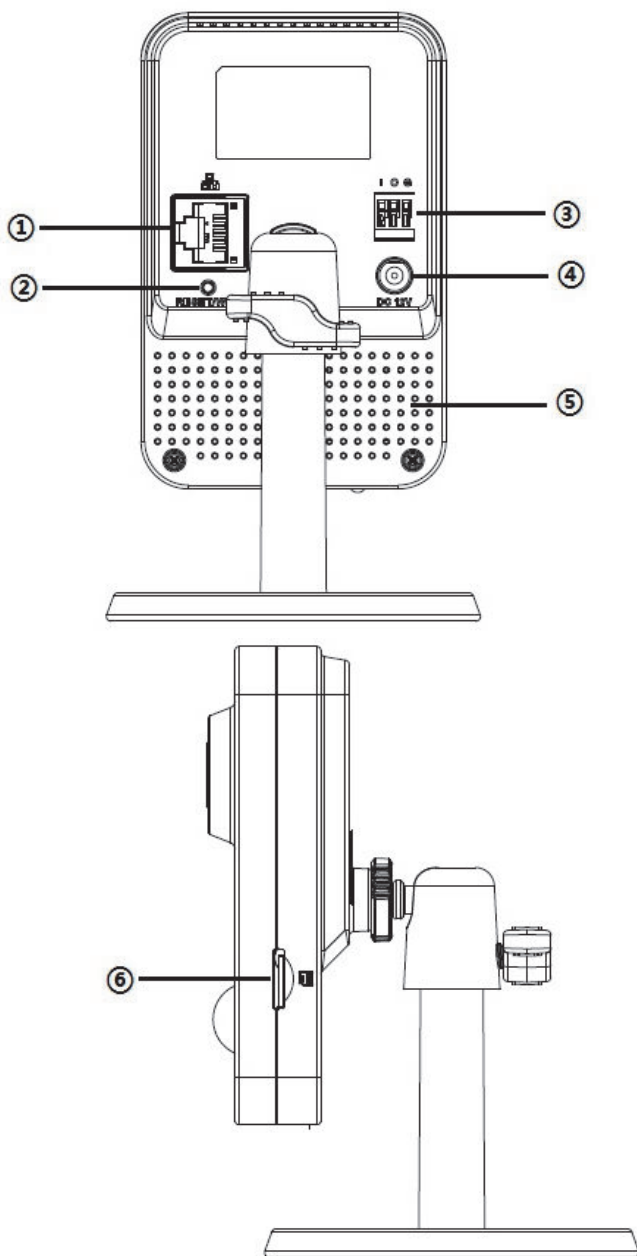


Modèle : RVCM11W

Guide d'Installation

Guide d'installation :

Composants et dimensions de la caméra IP



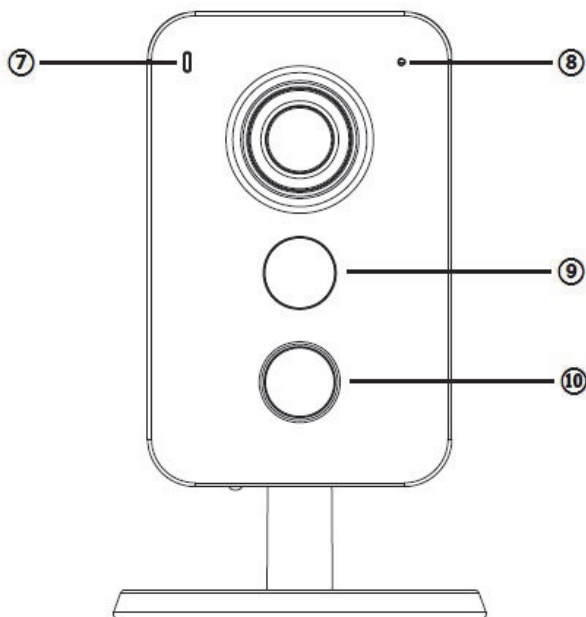


Figure 1 Composants de la Caméra IP

Libellé	Description
1	Port réseau (le mode de connexion sans fil est également disponible)
2	Bouton de Réinitialisation/WPS (Wi-Fi Protected Setup)
3	Entrée/sortie numérique
4	Port d'alimentation
5	Haut-parleur intégré
6	Logement pour carte Micro SD
7	Voyant d'indication
8	Microphone intégré
9	LED IR
10	Capteur IRP (capteur IR, déclenchement d'alarme)

Note :

- Pour la réinitialisation (utilisée pour rétablir la caméra à ses paramètres usine par défaut), appuyez pendant 15 secondes sur le bouton, jusqu'à ce que la lumière s'éteigne.
 - Pour le WPS (Wi-Fi Protected Setup), faites un appui rapide sur le bouton.
-

Indication	État
Voyant rouge allumé normalement	Démarrage en cours
Voyant vert clignotant lentement	La caméra IP n'est pas connectée à RISCO Cloud. Vérifiez la connexion Internet et essayez de reconnecter la caméra IP en la redémarrant.
Voyant vert clignotant rapidement	Configuration Wi-Fi intelligente en cours, à savoir fonction WPS (Wi-Fi Protected Setup), trame de gestion, etc.
Voyant vert allumé normalement	La caméra IP est bien connectée au RISCO Cloud.
Voyants rouge et vert clignotant en alternance	Mise à jour de l'appareil
Voyant rouge clignotant lentement	Échec de la connexion réseau ou déconnexion après une connexion réseau réussie
Voyant rouge clignotant rapidement	Dysfonctionnement de l'appareil, échec du démarrage, alarme ou dysfonctionnement de la carte SD

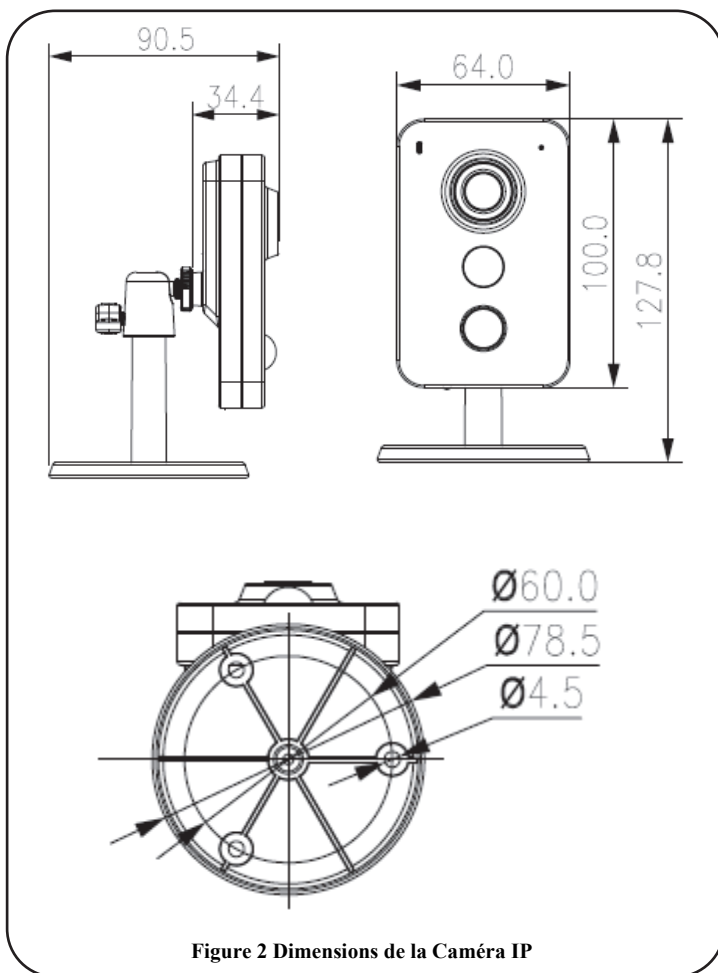


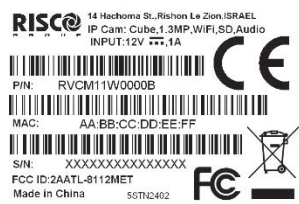
Figure 2 Dimensions de la Caméra IP

Montage et Installation de la caméra IP

Après avoir lu les instructions d'installation et avant d'installer votre caméra IP, préparez un plan de montage de la caméra IP correspondant au site à protéger. Il est crucial de déterminer l'emplacement correct de votre caméra IP afin d'assurer des performances de surveillance et de sécurité optimales. Déterminez tout d'abord les zones devant être protégées, puis élaborer un plan afin d'identifier les meilleurs emplacements d'installation de votre caméra IP.

IMPORTANT ! - Notez l'adresse MAC située sur l'emballage ou sur la partie arrière de la caméra IP avant l'installation. Vous pourriez en avoir besoin lors de la connexion au réseau.

Adresse MAC



Montage de la caméra IP

La caméra IP prend en charge deux options de montage : montage au plafond et montage mural (voir Figure 3 ci-dessous).

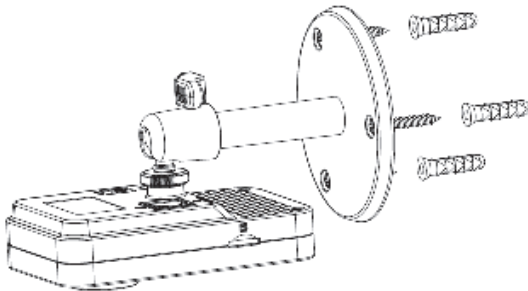


Figure 3 Montage mural / au plafond

IMPORTANT - Assurez-vous que la surface de montage peut supporter au moins trois fois le poids de la caméra et de son support.

Étape	Description
1	Placez le gabarit de positionnement d'installation sur la surface d'installation tel que le plafond ou le mur.
2	Faites des trous dans la surface d'installation en suivant les repères du gabarit de positionnement d'installation.
3	Insérez les chevilles (fournies dans le sachet d'accessoires) dans les trous que vous venez de percer.
4	Placez la base de la caméra IP sur les trous.

Étape	Description
5	Utilisez les vis (fournies dans le sachet d'accessoires) pour fixer la caméra IP fermement.
6	Desserrez la vis de réglage et ajustez la caméra IP jusqu'à la position de surveillance correcte en fonction de vos besoins.
7	Serrez la vis de réglage pour fixer la caméra IP.

Mise sous tension de la caméra IP

1. Connectez l'alimentation au port d'alimentation de la caméra IP.
2. Connectez l'alimentation à une prise électrique. Lors du démarrage de la caméra IP, le voyant VERT clignote.

Connexion de la caméra IP au réseau

La caméra IP supporte plusieurs options de connexion au réseau, notamment au réseau local LAN et au réseau sans fil.

Connexion à un réseau local

La connexion de la caméra IP à un réseau local (LAN, Local Area Network) facilite la connexion et les réglages avec les points d'accès compatibles, par exemple une passerelle ou un routeur.

1. Connectez le câble réseau entrant au port réseau sur la caméra IP.
2. Le voyant VERT clignote pour indiquer que votre caméra IP est maintenant connectée au réseau. Continuez en suivant les instructions de la section Définition des paramètres de la caméra IP.

Connexion à un réseau sans fil via WPS

Pour connecter la caméra IP à un réseau sans fil via WPS (Wi-Fi Protected Setup), le routeur doit prendre en charge la fonctionnalité WPS.

REMARQUE : le logiciel de gestion de certains routeurs est muni d'un bouton virtuel. Reportez-vous à la documentation du routeur pour plus de détails sur l'utilisation des fonctions WPS.

1. Une fois le câble d'alimentation connecté, attendez que le voyant réseau VERT clignote lentement.
2. Appuyez rapidement sur le bouton WPS de la caméra IP tout en maintenant enfoncé le bouton WPS du routeur pendant 2 secondes. Lorsque le voyant réseau VERT cesse de clignoter, votre caméra IP est connectée au réseau. Continuez en suivant les instructions de la section Définition des paramètres de la caméra IP.

Connexion à un réseau sans fil à l'aide du RISCO Cloud

Pour connecter la caméra IP à un réseau sans fil via le RISCO Cloud (Serveur d'Application RISCO), vous devez tout d'abord raccorder la caméra IP au routeur via le réseau local LAN, puis définir les paramètres de la caméra IP et établir une connexion sans fil via l'application Installateur RISCO Cloud. Une fois la connexion sans fil établie, vous pouvez déconnecter la caméra IP du routeur et l'installer/la monter.

1. Connectez le câble réseau entrant au port réseau sur la caméra IP.
2. Le voyant VERT clignote pour indiquer que votre caméra IP est maintenant connectée au réseau. Continuez en suivant les instructions de la section Définition des paramètres de la caméra IP.

REMARQUE : avant de procéder à la déconnexion, vous devez configurer le réseau sans fil via RISCO Cloud.

3. Une fois la connexion sans fil établie, vous pouvez déconnecter la caméra IP du routeur et l'installer/la monter à l'emplacement de votre choix de la zone surveillée.

Caméras IP et Application Installateur RISCO Cloud

L'application Installateur RISCO Cloud fournit une interface pour contrôler votre centrale à partir d'un PC local ou à distance via le Web. Cela vous permet d'ajouter des caméras IP et de définir la caméra et les paramètres des événements d'alarme de déclenchement.

IMPORTANT - Une centrale doit d'abord être définie dans RISCO Cloud avant d'ajouter des caméras IP et de définir leurs paramètres (reportez-vous au manuel de l'application Installateur RISCO Cloud).

Définition des paramètres de la caméra IP

Après avoir connecté la caméra IP au réseau (reportez-vous à la rubrique Connexion de la caméra IP au réseau), vous pouvez définir ses paramètres.

Pour définir les paramètres de la caméra IP :

1. Connectez-vous à l'application Installateur en utilisant l'adresse de la page Web indiquée par votre fournisseur de services, puis saisissez votre nom d'utilisateur et votre mot de passe.

REMARQUE : il est recommandé d'utiliser Google Chrome ou Mozilla Firefox pour se connecter à l'application Installateur.

2. Sélectionnez le lien Liste de centrales. La page Liste des centrales s'affiche.

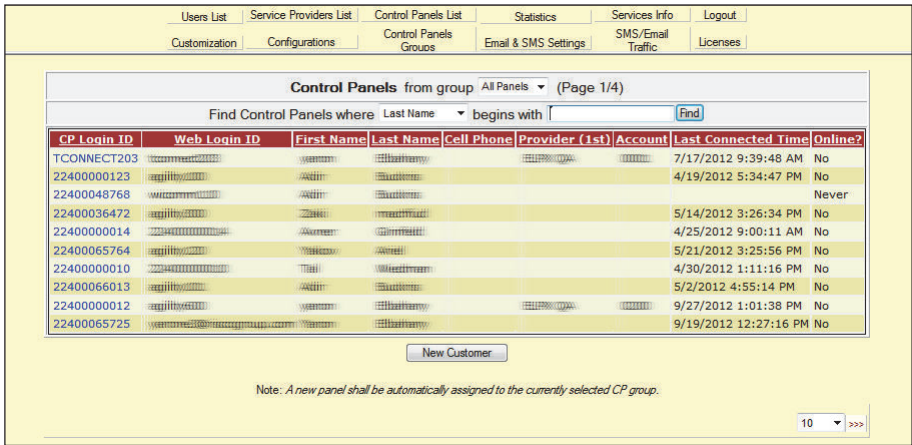


Figure 4 Page Liste des centrales

3. Dans la page Liste des centrales, sélectionnez la centrale que vous souhaitez consulter. La page de modification des centrales s'affiche.

Figure 5 Page Mise à jour des centrales

4. Cliquez sur le lien Caméras IP dans la colonne de gauche ; la page des caméras IP s'affiche.

Figure 6 Page des caméras IP

5. Cliquez sur Ajout Caméra ; la boîte de dialogue correspondante s'affiche.
6. Sélectionnez le type de caméra IP RISCO P2P.

Figure 7 Ajout Caméra

7. Renseignez les champs suivants dans la boîte de dialogue Ajout Caméra.

Champ	Description
Nom	Saisissez le nom de la caméra.
Partitions	Sélectionnez la ou les partitions dans la liste des partitions définies.
Type	Sélectionnez le type de caméra RISCO P2P (pour les paramètres de type ONVIF ou Caméra générique, reportez-vous au Guide de l'application Installateur RISCO Cloud)
Adresse MAC	Saisissez l'adresse MAC dans ce champ. L'adresse MAC (Media Access Control) est l'identifiant unique affecté à la caméra IP pour communiquer sur le réseau physique.

REMARQUE : l'adresse MAC est sensible à la casse et doit être saisie exactement comme elle est indiquée sur le carton d'emballage ou sur l'arrière de la caméra IP ; par exemple, AA:BB:CC:DD:EE:FF.

8. Cliquez sur Ajouter ; le message suivant s'affiche.

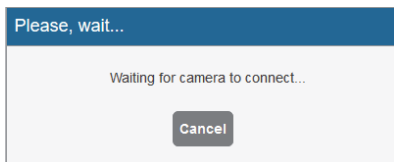


Figure 8 Message « La caméra est en cours de connexion... »

Si le message « Votre caméra a été identifiée avec succès. Voulez-vous la connecter à votre réseau Wi-Fi ? » s'affiche, passez directement à l'étape 9.

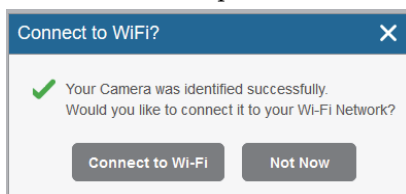


Figure 9 Message d'identification réussie

9. Sélectionnez l'une des options suivantes :

Connecter au Wi-Fi : cette option permet d'établir une connexion au réseau sans fil (passez à l'étape 10 pour connecter la caméra IP au réseau Wi-Fi).

Pas maintenant : cette option permet de maintenir la connexion de la caméra IP à l'aide d'un réseau LAN (ignorez les étapes de connexion au réseau sans fil 10, 11 et 12, et connectez la caméra IP au réseau LAN).

10. Si vous avez sélectionné l'option « Connecter au Wi-Fi », une liste des réseaux sans fil disponibles s'affiche.

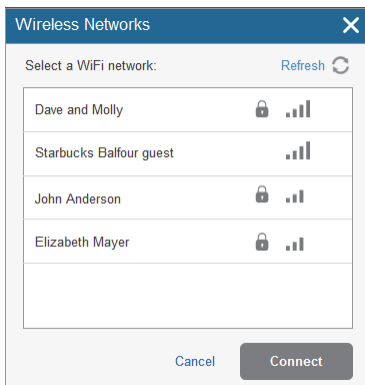


Figure 10 Liste des réseaux sans fil disponibles

11. Sélectionnez un réseau sans fil dans la liste et cliquez sur Connecter.

NOTE - si votre réseau est protégé par un mot de passe, saisissez le mot de passe dans l'écran correspondant.

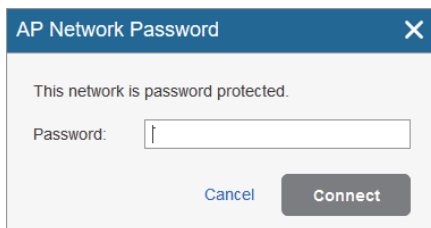
A dialog box titled "AP Network Password" with a close button (X) in the top right corner. The text inside says "This network is password protected." Below this is a label "Password:" followed by a text input field. At the bottom, there are two buttons: "Cancel" and "Connect".

Figure 11 Mot de passe du réseau du point d'accès

12. Cliquez sur Connexion pour établir la connexion sans fil (reportez-vous à la section Connexion à un réseau sans fil à l'aide de RISCO Cloud) ; le message suivant s'affiche.

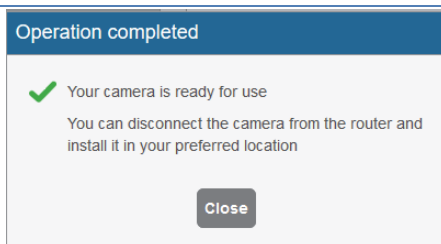
A message box titled "Operation completed" with a green checkmark icon. The text inside says "Your camera is ready for use" and "You can disconnect the camera from the router and install it in your preferred location". At the bottom, there is a "Close" button.

Figure 12 Opération terminée

13. Lorsque le message « La caméra est prête à être utilisée » s'affiche, cliquez sur Fermer. La caméra IP définie s'affiche sur la page Caméras IP.

REMARQUE : une fois la connexion sans fil établie, n'oubliez pas de déconnecter le câble Ethernet de la caméra IP du routeur.

IP Cameras

Cameras

Triggers

+ Add Camera

Label	Partition	Type	MAC Address	Wi-Fi	Actions
Main Entrance cam	Lobby Floor	RISCO	00-10-5A-44-12-B5	Connected	
Front yard cam	Lobby Floor, Storage Rooms	RISCO	00-10-2B-36-11-18	Connect	
Lobby cam	Lobby Floor	Generic	11-10-5A-44-12-B5	Connect	
Living Room	Storage Rooms	ONVIF	07-10-5A-4A-28-B6	Connected	
Second Floor north cam	Storage Rooms	ONVIF	00-10-5A-44-12-B5	Connected	
Basement	Sun Microsystems	RISCO	03-10-5A-44-12-B5	Connected	

Figure 13 Liste des caméras IP

REMARQUE : vous avez également la possibilité de modifier ou de supprimer la caméra IP sélectionnée.

Cliquez sur le bouton d'action FW ci-dessous pour vérifier si le firmware est à jour.

IP Cameras

Cameras

Triggers

+ Add Camera

Label	Partition	Type	MAC/IP Address	Wi-Fi	Actions
Cube - Office	Partition 1	RISCO P2P Camera	3C:EF:8C:DF:6C:59	Risco-Guest	

Figure 14 Mise à jour du firmware

La version la plus récente du firmware apparaît dans l'écran qui s'affiche, le cas échéant.

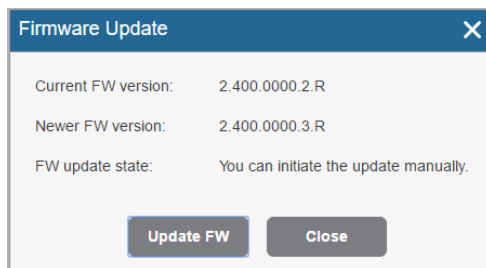


Figure 15 Version la plus récente du firmware

Définition des paramètres de déclenchement de la caméra

Tout événement dans la liste suivante peut être défini pour déclencher une alarme.

Événements de partition			
Alarme incendie	Alarme panique	Alarme médicale	Alarme
Armement complet	Armement partiel	Désarmement	Contrainte
Autoprotection	Alarme 24 h	Alarme Inondation	Alarme gaz
Alarme environ.	Alarme inactivité	Alarme sortie	Température basse
Événements de détecteur			
Alarme	Zone exclue	Zone incluse	Autoprotection zone

Pour définir les paramètres de déclenchement de la caméra :

1. Sur la page de configuration des Caméras, cliquez sur l'onglet Déclencheurs ; la liste des déclencheurs de la caméra s'affiche.

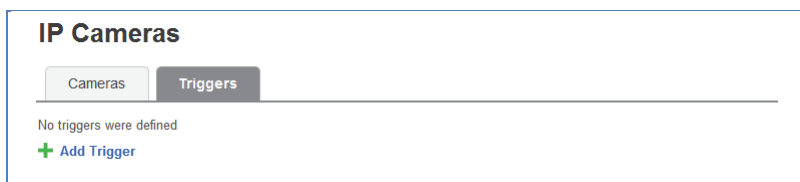


Figure 16 Liste des déclencheurs de la caméra

2. Cliquez sur Ajout de déclencheur ; la boîte de dialogue d'ajout de nouveau déclencheur s'affiche.

Add New Trigger

Label:

Camera:

Select...

Event Type:

Follow Partition

Partitions:

Select partitions

Event:

Select...

☐ Images

Pre-event starting time (sec):

-2+

Number of Images:

-5+

Interval between images (sec):

-1.0+

☐ Clip

Pre-event starting time (sec):

-5+

Duration (sec):

-30+

Cancel

Done

Figure 17 Ajout de nouveau déclencheur

3. Renseignez les champs suivants dans la boîte de dialogue Ajout de nouveau déclencheur.

Champ	Description	Type d'événement
Nom	Saisissez le nom du déclencheur de la caméra.	Événements de partition et de détecteur
Caméra	Sélectionnez une caméra dans la liste.	Événements de partition et de détecteur
Type d'événement	Sélectionnez un type d'événement dans la liste.	Événements de partition et de détecteur
Événement	Sélectionnez l'événement dans la liste (ex., alarme, contrainte, etc.)	Événements de partition et de détecteur

D'autres champs sont disponibles dans la boîte de dialogue Ajout de déclencheur selon le type d'événement sélectionné (reportez-vous aux exemples ci-dessous pour les types d'événements de partition et de détecteur).

Add New Trigger

Label:

Camera:

Select...

Event Type:

Follow Partition

Partitions:

Select partitions

Event:

Select...

Images

Pre-event starting time (sec)

-

2

+

Number of images

-

5

+

Interval between images (sec)

-

1.0

+

Clip

Pre-event starting time (sec)

-

5

+

Duration (sec)

-

30

+

Cancel

Done

Add New Trigger

Label:

Camera:

Select...

Event Type:

Follow Detector

Detector:

Select detector

Event:

Select...

Images

Pre-event starting time (sec)

-

2

+

Number of images

-

5

+

Interval between images (sec)

-

1.0

+

Clip

Pre-event starting time (sec)

-

5

+

Duration (sec)

-

30

+

Cancel

Done

Figure 18 Ajout d'un événement de partition

Figure 19 Ajout d'un événement de détecteur

4. Renseignez les champs suivants dans la boîte de dialogue d'ajout de déclencheur selon le type d'événement que vous avez sélectionné.

Champ	Description	Type d'événement
Partition(s)	Sélectionnez la ou les partitions dans la liste. REMARQUE : seules les partitions associées à la caméra s'affichent.	Événements de partition uniquement
Détecteurs	Sélectionnez le détecteur dans la liste.	Événements de détecteur uniquement

5. Sélectionnez les définitions d'image et de clip :

Champ	Description
Images (fixes)	Durée de pré-alarme (sec) : durée avant le déclenchement de l'événement en cours pour démarrer l'affichage des images. Nombre d'images : nombre d'images à afficher. Intervalle entre images (sec) : durée requise entre chaque image.
Clip (vidéo)	Durée de pré-alarme (sec) : durée avant le déclenchement de l'événement en cours pour démarrer l'enregistrement du clip. Durée (sec) : durée totale de la séquence vidéo NOTE : ces champs sont actuellement verrouillés et il est impossible de modifier les paramètres par défaut.

NOTE: Afin de pouvoir enregistrer des clips vidéos, vous devez insérer une carte Micro SD puis désalimenter et ré-alimenter la caméra.

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6. Lorsque vous avez terminé, cliquez sur OK. Le déclencheur de caméra défini apparaît désormais dans la liste des déclencheurs de caméra.

IP Cameras

Cameras

Triggers

+ Add Trigger

Label	Event	Camera	Camera Operations	Actions
Lobby floor alarm	Partition - Lobby Floor Alarm Follow	Street cam North	3 images, 10 seconds clip	  
Storage Tamper	Partition - Storage Rooms Tamper Follow	Street cam South	1 image	  
Lobby Arming	Detector - Lobby South-East Arm Follow	Lobby main cam	5 images, 20 seconds clip	  

Duplicate

Figure 20 Liste des déclencheurs de caméra

NOTE - vous avez également la possibilité de modifier , de dupliquer  ou de supprimer  le déclencheur sélectionné.

IMPORTANT - il est impossible de définir de façon identique deux déclencheurs de caméra. Si un déclencheur est dupliqué, il est nécessaire de modifier la définition d'événement, la définition de caméra, ou les deux.

Paramètres avancés

Pour des raisons de sécurité, nous avons pris des mesures pour minimiser les risques de piratage en limitant l'accès à la caméra IP. Néanmoins, il est dans certains cas nécessaire de modifier les paramètres par défaut de la caméra IP en fonction des conditions de ce champ. Cette modification doit être confiée à des utilisateurs expérimentés autorisés à accéder aux paramètres de la caméra IP.

Pour accéder aux paramètres de la caméra IP

1. Cliquez sur le bouton « ... » ci-dessous pour activer l'option UI/CGI.

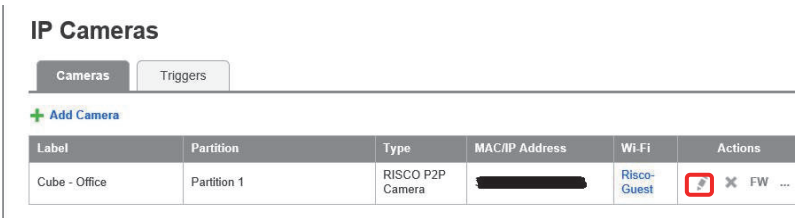


Figure 21 Paramètres de la caméra IP

L'écran suivant s'affiche.



Figure 22 Cochez la case UI/CGI

2. Cochez la case UI/CGI.
3. Cliquez sur Enregistrer.

L'installateur peut désormais accéder à l'interface Web de la caméra IP pour une durée d'une heure. Ouvrez le navigateur Internet, puis saisissez l'adresse IP de la caméra. Par défaut, le nom d'utilisateur et le mot de passe de la caméra IP sont, respectivement, « admin » et « _AdminN + l'adresse MAC de la caméra IP » (par exemple, _AdminN_AABBCCDDEEFF).

REMARQUE : au bout d'une heure, l'accès à la caméra est désactivé.

Raccordement à un enregistreur vidéo réseau local (NVR)

L'installateur peut connecter la caméra IP à un NVR local. Il doit pour cela déterminer l'adresse IP de la caméra IP, et configurer la caméra en tant que caméra ONVIF dans le NVR. L'installateur doit par ailleurs saisir les informations d'identification de la caméra IP. Par défaut, le nom d'utilisateur et le mot de passe de la caméra IP sont, respectivement, « admin » et « _AdminN + l'adresse MAC de la caméra IP » (par exemple, _AdminN_AABBCCDDEEFF). Les mêmes informations d'identification sont utilisées pour la caméra ONVIF. Désormais, l'installateur peut également accéder au flux en direct de la caméra IP.

REMARQUE : les modifications apportées aux paramètres par défaut de la caméra IP relèvent de la responsabilité de l'installateur.

Spécifications du produit

Modèle		RVCM11W0000B
Caméra		
Capteur d'image		CMOS 1/3" de 1,3 Mégapixel
Pixels effectifs		1 280 (H) x 960 (V)
Système de balayage		Progressif
Vitesse d'obturation électronique		Auto/Manuelle, 1/3(4)~1/30 000
Illumination min.		0,85 Lux/F2.5 (couleur), 0 Lux/F2.5 (IR activé)
Rapport signal sur bruit		Supérieur à 50 dB
Sortie vidéo		N/A
Caractéristiques de la caméra		
Portée max. de la LED IR		10 m
Modes Jour/Nuit		Auto (ICR)/Couleur/Noir et blanc
Compensation de rétroéclairage		BLC/HLC/DWDR
Balance des blancs		Auto/Manuelle
Contrôle du gain		Auto/Manuel
Réduction du bruit		3D
Objectif		
Focale		2,8 mm
Ouverture max.		F2.5
Contrôle de mise au point		Manuel
Angle de vue		95 °
Type d'objectif		Objectif fixe
Type de montage		Intégré
Vidéo		
Compression		H.264/MJPEG
Résolution		1,3 mégapixel/720P/VGA/QVGA
Flux Vidéo	Flux principal	1,3 mégapixel/720P (1~30 ips)
	Flux secondaire	VGA/QVGA (1~30 ips)
Débit vidéo		H.264 : 32 Kb/s~8 192 Kb/s
Audio		
Compression		G.711a ; G.711Mu ; AAC
Interface		Haut-parleur/microphone intégrés

Réseau	
Ethernet	RJ45
Wi-Fi	Wi-Fi (IEEE802.11b/g/n) 50 m (champ libre)
Protocoles	P2P, HTTP; HTTPS; TCP; IPV4/IPV6; UDP; RTSP; ICMP; RTP; DHCP; NTP; IGMP; ARP; DNS; DDNS; SMTP; UPNP; Bonjour; Qos, FTP
Compatibilité	ONVIF, CGI
Accès utilisateur max.	10 utilisateurs
Smartphone	iPhone, iPad, Android
Interface auxiliaire	
Logement mémoire	Carte Micro SD, jusqu'à 128 Go
RS485	N/A
Alarme	1 entrée/1 sortie
Portée du capteur IRP	Oui, 6 m
USB	Micro USB
Généralités	
Alimentation	12 V CC
Consommation	< 4,5 W
Fréquence et Puissance	2412 – 2462 MHz, 0.0215 W 2422 – 2452 MHz, 0.0095 W
Environnement d'utilisation	-10 °C~+45 °C, moins de 95 % HR
Indice de protection	N/A
Résistance au vandalisme	N/A
Dimensions (L×P×H)	Φ78,5 mm × 127,8 mm
Poids	0,45 kg, emballage compris

NOTES

NOTES

VUpoint Telecamera IP P2P da interno Cube



Modello: RVCM11W

IT



<http://VUpoint-P2P.riscogroup.com/How-to-Install/>

Manuale di Installazione

Precauzioni sulla sicurezza

Queste istruzioni hanno lo scopo di garantire che l'utente utilizzi il prodotto in modo corretto per evitare pericoli o danni a terzi.

AVVERTENZE:

- L'installazione o l'utilizzo di questo prodotto non in conformità con la destinazione d'uso, come definito dal fornitore e come descritto nel seguente manuale, può provocare danni, lesioni o morte.
- Assicurarsi che questo prodotto non sia accessibile a bambini o a persone a cui il sistema non è destinato.
- L'installazione e il collegamento devono essere conformi alle norme di sicurezza del proprio paese ed effettuate da persone esperte. L'alimentatore utilizzato per il suddetto prodotto deve avere tensione di uscita 12 Vdc e deve essere conforme al requisito SELV (Safety Extra Low Voltage) (IEC60950-1).
- Se il dispositivo è collegato in modo permanente ad una fonte di alimentazione elettrica, allora la connessione deve includere un dispositivo di disconnessione facilmente accessibile, ad esempio un magnetotermico.
- Non tentare mai di riparare il dispositivo da soli in quanto ciò potrebbe causare danni, lesioni o morte. Contattare sempre il vostro installatore/fornitore.

PRECAUZIONI:

- Assicurarsi che la tensione di alimentazione sia corretta prima di utilizzare la telecamera.
- Non far cadere la telecamera o sottoporla a urti.
- Non toccare il modulo sensore con le dita. Se è necessario pulire l'apparato, utilizzando un panno pulito e strofinando delicatamente.
- Non puntare l'obiettivo della telecamera direttamente verso fonti di luce come il sole o una lampada ad incandescenza. La luce forte può provocare danni irreparabili alla telecamera.
- Il sensore della telecamera può essere bruciato da un raggio laser. Quando viene utilizzata qualsiasi apparecchiatura laser assicurarsi che la superficie del sensore non sia esposta allo stesso.
- Non posizionare la telecamera in condizioni ambientali estreme (la temperatura di esercizio deve essere compresa tra -20°C ~ $+60^{\circ}\text{C}$).
- Per evitare surriscaldamenti il luogo di installazione deve avere una ventilazione adeguata.
- Tenere la telecamera lontano da acqua e da altri liquidi.
- Durante il trasporto, la telecamera deve essere contenuta nel suo imballo originale.

NOTE: RISCO non si assume la responsabilità per eventuali incendi o scosse elettriche causate da un uso improprio o da un installazione non corretta dell'apparato. RISCO non è altresì responsabile per eventuali problemi causati da modifiche non autorizzate o tentativi di riparazione effettuate sul prodotto.

Introduzione

RISCO Group presenta VuPoint, una soluzione rivoluzionaria di verifica video live che integra perfettamente le Telecamere IP nei sistemi di sicurezza professionali RISCO. Utilizzando il Cloud di RISCO, VuPoint fornisce un livello di sicurezza e di monitoraggio video in tempo reale per le Vigilanze e gli utenti finali senza precedenti. La telecamera Cube IP di RISCO è parte integrante di questa soluzione ed è facilmente controllabile attraverso applicazioni smartphone o attraverso intuitive pagine Web.

Caratteristiche

- Installazione Plug & Play
- 1.3" Megapixel
- Colore HD
- Day/Night
- Illuminatore IR (Portata 10 metri)
- Audio bidirezionale

Componenti e Accessori

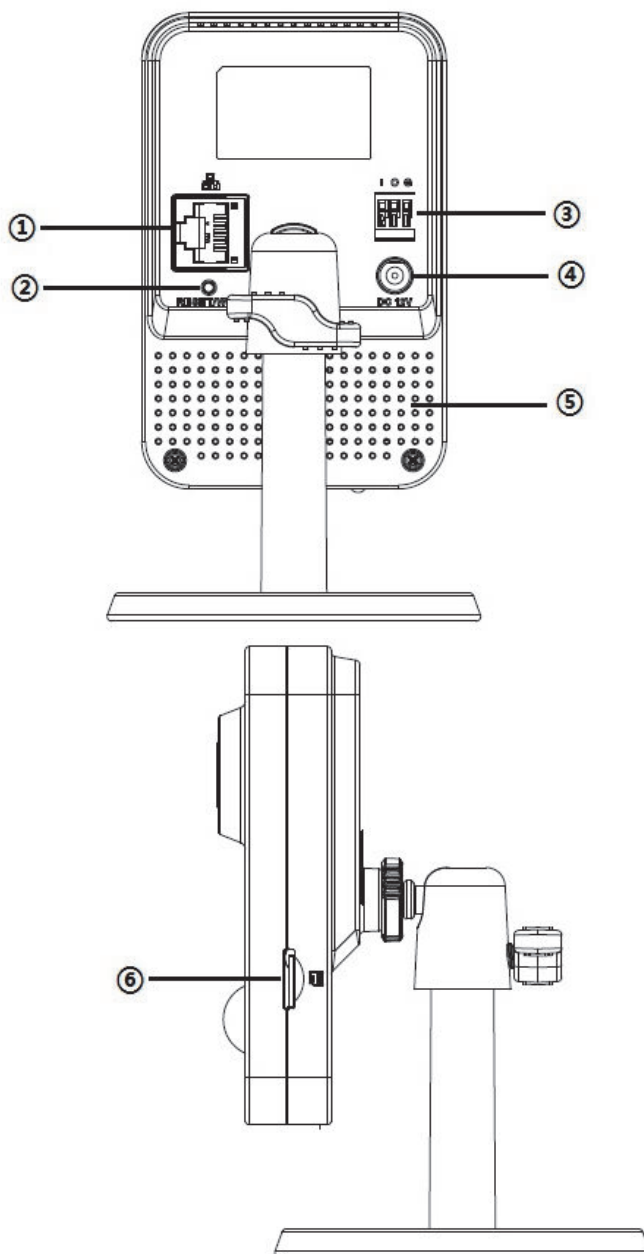
Telecamera Cube RISCO e staffa di montaggio:



Manuale di Installazione:



Telecamera IP - Componenti e Dimensioni



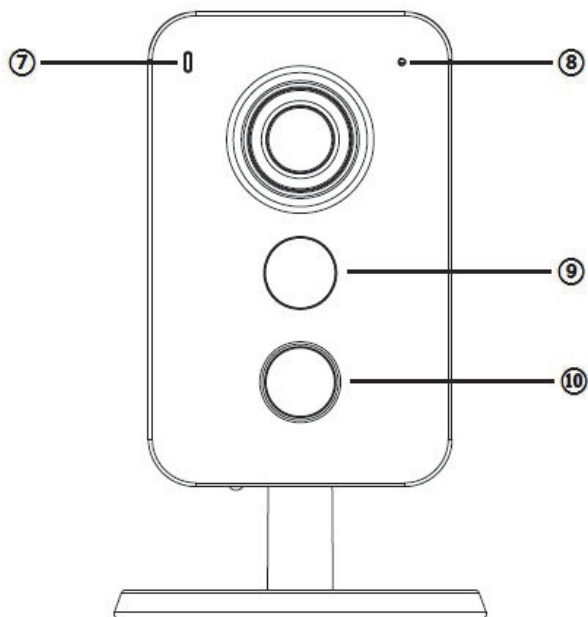


Figura 1 Componenti Telecamera IP

Etichetta	Descrizione
1	Presa di rete (disponibile anche la connettività WiFi)
2	Pulsante Reset/WPS (Wi-Fi Protected Setup)
3	Ingressi/Uscite digitali
4	Presa di alimentazione
5	Speaker integrato
6	Ingresso Micro SD
7	LED
8	Microfono integrato
9	IR LED
10	PIR (Sensore PIR per attivazione allarme)

Scheda SD

Nelle telecamere Risco è possibile inserire una SD Card da un minimo di 8Gb ad un massimo di 128 Gb.

Nella SD oltre le videoclip generate attraverso i trigger impostati dal Cloud Risco è possibile videoregistrare in modalità continua.

La videoregistrazione, essendo una funzionalità impostabile sulla telecamera, è indipendente dalle funzionalità del Cloud Risco.

E' possibile visualizzare questi filmati solamente collegandosi alla telecamera tramite accesso locale via WEB, andando nel menù Playback.

A seconda della SD utilizzata e della risoluzione impostata, si può registrare fino a 30 giorni continuativi.

Nota:

- Per eseguire il reset (portare la telecamera alle sue impostazioni di fabbrica), premere il tasto reset per 15 secondi finché i led si spengono
 - Per attivare il WPS (Wi-Fi Protected Setup), premere normalmente il tasto.
-

Indicazione LED	Significato
Led rosso acceso	Telecamera alimentata
Led verde lampeggio lento	Telecamera IP non connessa al Cloud RISCO. Controllare la connettività e riavviare la telecamera.
Led verde lampeggio rapido	Configurazione smart WiFi in corso (modalità WPS)
Led verde acceso	Connessione al Cloud RISCO avvenuta con successo.
lampeggio alternato led rosso e verde	Aggiornamento dispositivo
Led rosso lampeggio lento	Connessione di rete fallita o disconnessione.
Led rosso lampeggio rapido	Malfunzionamento dispositivo, avvio fallito; malfunzionamento scheda SD

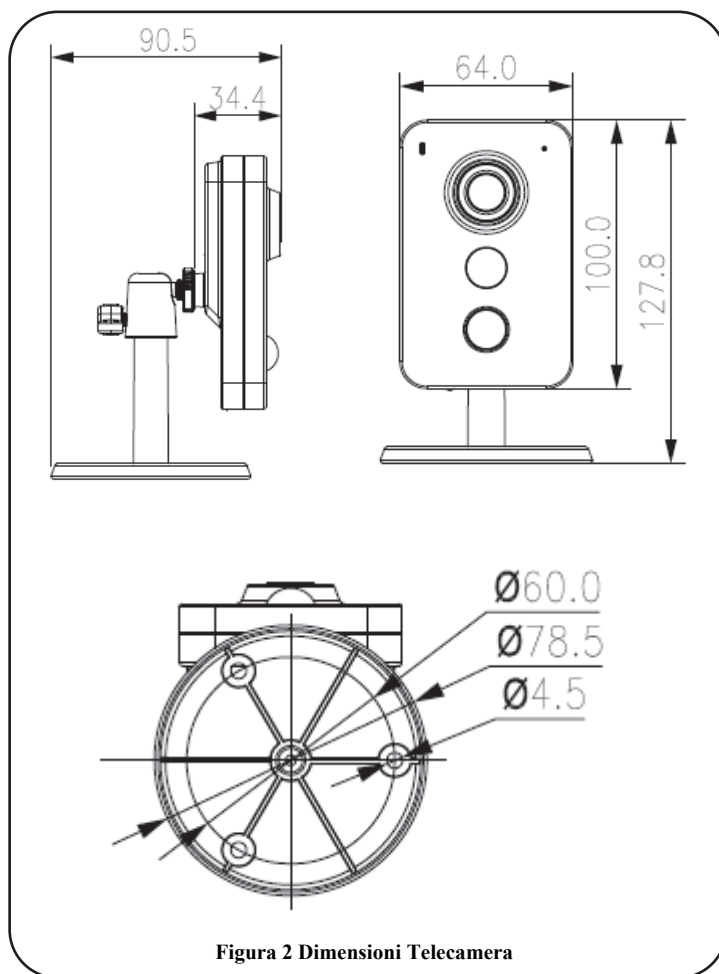


Figura 2 Dimensioni Telecamera

Telecamera IP - Installazione

Dopo aver letto le istruzioni di installazione e prima di installare la telecamera IP, preparare un piano per il montaggio della stessa nel sito da proteggere.

Il corretto posizionamento della telecamera IP è fondamentale per ottenere prestazioni ottimali di sicurezza e sorveglianza. In primo luogo, determinare quali sono le aree da proteggere e poi scegliere il luogo ottimale dove installare la telecamera IP.

IMPORTANT! – Prima della installazione si raccomanda di salvare l’indirizzo MAC del dispositivo che si trova sulla scatola o sul retro della telecamera IP. Questo indirizzo verrà richiesto durante la fase di associazione all’interno del cloud, del dispositivo alla centrale.



Indirizzo MAC

Montaggio della telecamera IP

La telecamera IP ha due opzioni di montaggio:
Soffitto/Parete (Figura 3)

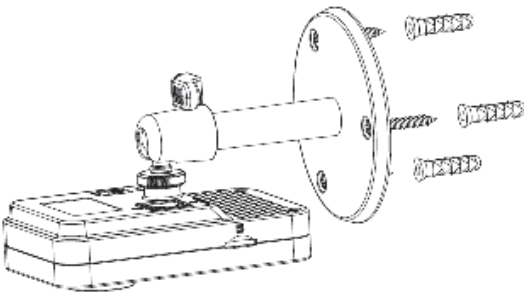


Figura 3 Montaggio Muro/Soffitto

IMPORTANTE - Si prega di assicurarsi che la superficie di installazione possa supportare almeno 3 volte il peso della telecamera comprensiva di staffa.

Passo	Descrizione
1	Posizionare la dima in dotazione sulla superficie dove si è previsto di installare la telecamera. (soffitto o parete).
2	Fare i buchi sulla superficie di installazione utilizzando la dima come riferimento.
3	Inserire i tasselli (in dotazione) nei fori appena fatti.
4	Posizionare la base della staffa sui fori.

Passo	Descrizione
5	Utilizzate un cacciavite per stringere le viti (in dotazione) e fissare fermamente la base della staffa.
6	Allentare la vite di regolazione e ruotare la telecamera IP nella posizione corretta in base alle vostre esigenze.
7	Stringere la vite di regolazione

Alimentazione della Telecamera IP

1. Collegare il cavo di rete in ingresso alla porta di rete sulla telecamera IP.
2. Attendere che il led Verde smetta di lampeggiare ad indicare che la telecamera si sia connessa alla rete. Procedere come indicato.

Connessione della telecamera IP al RISCO Cloud

La telecamera IP supporta la connessione di rete LAN e WiFi.

Connessione ad una rete LAN

Il collegamento della telecamera IP a una rete tramite LAN (Local Area Network) consente di effettuare una connessione e configurazione semplici del dispositivo.

1. Collegare il cavo di rete in ingresso alla porta di rete sulla telecamera IP.
2. Attendere che il led Verde indichi che la telecamera si sia connessa automaticamente e abbia raggiunto il Cloud RISCO (led verde acceso fisso).

Connessione ad una rete Wireless usando la WPS

Per connettere la telecamera IP ad una rete Wifi usando il sistema WPS (Wi-Fi Protected Setup) richiede che il router supporti questa funzione.

NOTA – Alcuni router hanno un tasto virtuale nella propria pagina di gestione (fare riferimento alla documentazione del router per maggiori informazioni).

1. Quando l'alimentatore è connesso, attendere che il led verde inizi a lampeggiare.
2. Premere il tasto WPS sulla telecamera e tenere premuto il tasto WPS sul router per 2 secondi. Il led verde acceso vi indicherà che la connessione alla rete è avvenuta con successo. Proseguire come indicato al paragrafo Impostazioni Telecamera.

Connessione ad una rete Wireless tramite Cloud RISCO

Connettere la telecamera IP al Cloud RISCO richiede che la telecamera sia stata precedentemente connessa al router per potere poi dal Profilo Installatore definire i parametri e abilitare la connessione Wireless. Quando la connessione Wireless è stata instaurata, la telecamera può essere scollegata dalle porte LAN e installata nella posizione finale.

1. Connettere il cavo LAN alla telecamera.
2. Attendere che il led verde indichi che la connessione sia avvenuta con successo (acceso fisso). Seguire le istruzioni riportate nel paragrafo Impostazioni Telecamera di seguito descritto.
3. Quando la connessione Wireless è stata instaurata, la telecamera può essere scollegata dal router e installata nella posizione finale.

Telecamera IP e Profilo Installatore

Il Profilo Installatore è un'interfaccia accessibile da PC attraverso Web browser. Questo Profilo è l'interfaccia attraverso la quale è possibile aggiungere le telecamere IP, definendone i comandi di attivazione, alle centrali installate e connesse su Cloud.

IMPORTANTE – Affinché si possano definire i comandi di attivazione (trigger) della telecamera è necessario che questa sia associata ad una centrale RISCO. Fare anche riferimento al manuale installatore del Cloud RISCO.

Impostazioni Telecamera

Quando la telecamera è stata connessa alla rete, è possibile definirne i parametri.

Impostazioni Telecamera:

1. Autenticarsi nel proprio Profilo Installatore via web inserendo le proprie credenziali.

NOTA – E' consigliabile utilizzare Google Chrome o Mozilla Firefox per eseguire le seguenti operazioni.

2. Selezionare la voce Lista Centrali.

The screenshot shows the 'Lista Centrali' page. At the top, there are tabs for 'Lista Utenti', 'Lista Centrali', and 'Logout'. The language is set to 'italiano (Italia)'. Below the tabs, there's a section for 'Centrali del gruppo' (Group Central Units) with a dropdown menu showing 'Risco Italia S.p.A. (RISCO)' and '(Pagina 1/1)'. There are buttons for 'Esporta in Excel' and 'Nuove Centrali (per utenti esperti)'. A search bar is present with the text 'Trova Centrali con Qualsiasi Campo contiene'. Below the search bar, there's a table of central units. The table has columns: ID Centrale (seriale), Web Login ID, Nome, Cognome, Cellulare, Tipo centrale, Versione firmware, Zona di servizio, Provider (IT), Utente, Ultima Connessione, In linea, and Nr Scheda SIM. The first row shows a central unit with ID 4000000010, Web Login ID perryplus, and other details. Below the table, there are buttons for 'Nuove Centrali (per utenti esperti)' and 'Aggiungere Centrali Utilizzando PID (15 cifre) consigliato'. A note at the bottom states: 'Nota: Una nuova centrale è assegnata automaticamente al gruppo CP attualmente selezionato.' There is a page number '20' in the bottom right corner.

Figura 4 Pagina Lista Centrali

3. Dalla pagina Lista Centrali, selezionare la centrale sulla quale si desidera operare..

The screenshot shows the 'Aggiornamento Centrale' page. On the left, there's a sidebar with navigation options: Centrale, Seleziona eventi, Famiglie di servizi, Telecamere IP, Utenti Web, Gruppo di appartenenza, Estero video, Statistiche Centrale, Lista Smartphone, Domotica, and Licenze (Beta). The main area contains a form for updating central unit details. The form has fields for: Numero Centrale (11103), ID Centrale (seriale) (with a 'Cambia' button), Password Centrale (Default AAAAAA) (*****), Conferma password Centrale (*****), Indirizzo Cliente (RISCO Italy), Fuso orario (GMT+01:00 Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna), and Indirizzo IP corrente (192.168.037.020). There are also fields for 'Crea il' (06/05/2014 14:28:09), 'Data Registrazione Cliente' (06/05/2014 14:02:12), 'Ultimo aggiornamento' (14/12/2016 15:07:34), 'Da' (serius), and 'Ultima Connessione' (05/01/2017 13:35:01). At the bottom, there are buttons for 'OK', 'Applica', 'Cancella', and 'Annulla'.

Figura 5 Aggiornamento Centrale

4. Selezionare Telecamere IP dal menu a sinistra.

The screenshot shows the 'Telecamere IP' page. At the top, there are tabs for 'Lista Utenti', 'Lista Centrali', and 'Logout'. The language is set to 'italiano (Italia)'. Below the tabs, there's a section for 'Telecamere IP' with buttons for 'Telecamere' and 'Ingressi'. Below this, there's a green plus icon and the text 'Aggiungi Telecamera'. Below that, there's a table with columns: Etichetta, Partizione, Tipo, Indirizzo MAC / IP, Wi-Fi, and Azioni. The table is currently empty.

Figura 6 Telecamere IP

5. Selezionare Aggiungi Telecamera.

Aggiungi Telecamera

Etichetta:

Partizioni:

Selezionare le partizioni

Tipo:

RISCO P2P Camera

Indirizzo MAC:

Annula

Aggiungi

Figura 7 Aggiungi Telecamera

6. Compilare i seguenti campi della finestra Aggiungi Telecamera.

Campo	Descrizione
Etichetta	Etichetta della telecamera
Partizioni	Selezionare le partizione(i) a cui associare la telecamera
Tipo	Selezionare RISCO P2P se si utilizza una telecamera VuPoint (per le telecamere Onvif fare riferimento al relativo manuale/bollettino tecnico)
Indirizzo MAC	Inserire l’indirizzo MAC. Il MAC è un indirizzo identificativo univoco assegnato in fabbrica alla telecamera. NOTA: L’indirizzo MAC tiene conto delle lettere maiuscole e minuscole e quindi andrà digitato come riportato sull’etichetta, es: AA:BB:CC:DD:EE:FF.

7. Selezionare Aggiungi.

Se viene mostrato il messaggio “Connetti al WiFi” passare al punto 8.

Connettersi al WiFi

La telecamera è stata identificata con successo.
Vuoi collegarla alla rete Wi-Fi?

Connettersi al Wi-Fi

Non adesso

Figura 8 Connetti al WiFi

NOTA – Questo messaggio è mostrato solo se la telecamera è connessa via cavo al router.

8. Selezionare una delle seguenti opzioni:

Connetti al WiFi – per connettersi alla rete wireless (passare al punto 9 per connettere la telecamera al WiFi).

Non ora – per utilizzare la connessione LAN (saltare i passaggi 9, 10, 11 e connettere la telecamera via cavo)

9. Se si è selezionata l'opzione "Connetti al WiFi", verrà mostrata la lista delle reti WiFi disponibili rilevate dalla telecamera.



Figura 9 Lista delle reti WiFi

10. Selezionare una rete da quelle disponibili e cliccare l'opzione Connetti.

NOTA – Se la rete è protetta da password, sarà necessario inserirla nell'apposita finestra.

11. Selezionare OK per instaurare la connessione via WiFi.

IMPORTANTE – Ricordarsi di rimuovere il cavo LAN dalla telecamera nel caso si utilizzi la connessione WiFi.

Nel caso in cui la telecamera perda la connessione WiFi (es: router guasto) sarà necessario riconnettere il cavo LAN per ripristinare la connettività e potere cambiare la rete WiFi di riferimento.

12. Quando si è terminata la configurazione selezionare OK. La telecamera verrà mostrata nella lista delle telecamere IP associate alla centrale.

Telecamere IP

Telecamere

Triggers

+ Aggiungi Telecamera

Etichetta	Partizione	Tipo	Indirizzo MAC / IP	Wi-Fi	Azioni
Uffici RISCO lato Est	Sala Control, Esterno	RISCO	90 02 A6 26 8C 8F	N / A (statica LAN)	
Uffici RISCO lato Nord	Sala Control, Esterno	RISCO	90 02 A6 26 8C 88	N / A (statica LAN)	
Orologio	Sala Control, Sala Orologio	RISCO	90 02 A6 52 88 58	N / A (statica LAN)	

Figura 10 Lista telecamere IP

NOTA – Sarà possibile editare i parametri della telecamera o cancellarla anche in un secondo momento.

Accedere al web server della telecamera via rete Lan

Dopo avere assegnato la telecamera alla centrale attraverso il Profilo Cloud Installatore, sarà necessario abilitare l’accesso locale via web nel caso in cui sia necessaria questa funzionalità. Per far questo accedere al menù Telecamere IP della centrale e cliccare il pulsante . Da questo menù sarà possibile abilitare il parametro “UI/CGI” come di seguito illustrato. Il parametro “UI/CGI” verrà disabilitato automaticamente dopo 60 minuti.

Telecamere IP

Telecamere

Triggers

+ Aggiungi Telecamera

Etichetta	Partizione	Tipo	Indirizzo MAC / IP	Wi-Fi	Azioni
Dome p2p	PARTIZIONE 1	RISCO P2P Camera	3C:EF:8C:F8:9C:5F	WIFI-0B9D02	FW ...
cube p2p	PARTIZIONE 1	RISCO P2P Camera	3C:EF:8C:DF:6C:5F	Collega	FW ...

Figura 11 Selezione il menu Accesso Locale Telecamera

Accesso Locale Telecamera ✕

FW Versione: 2.400.0000.2.R 2016-10-28

UI/CGI ☒

Telnet ☐

Salva Annulla

Figura 12 Abilitare il parametro UI/CGI

Aggiornamento Firmware Telecamera

Nel caso in cui venga rilasciato un firmware di aggiornamento della telecamera, sarà possibile avviare l'aggiornamento tramite dal menù Telecamere IP della centrale, cliccando il pulsante **FW** e selezionando il tasto “Aggiornamento Firmware” che verrà mostrato solo nel caso in cui sia disponibile un aggiornamento.

Aggiornamento Firmware ✕

Versione FW corrente : 2.400.0000.3.R

Nuova versione FW: N/A

Stato aggiornamento FW: La telecamera ha l'ultimo firmware disponibile.

Chiudi

Figura 13 Finestra Aggiornamento Firmware

Comandi di attivazione (Trigger) Telecamere IP

Tutti gli eventi di seguito elencati possono essere programmati per attivare la telecamera IP.

Segue Partizione			
Allarme Incendio	Allarme Panico	Allarme Medico	Allarme
Inserito Totale	Inserito Parziale	Disinserito	Coercizione
Tamper	Allarme 24 HR-X	Allarme Allagamento	Allarme Gas
Allarme Ambientale	Allarme Nessun Movimento	Allarme Uscita	Alta o Bassa Temperatura
Segue Sensore			
Allarme	Zona Esclusa	Zona Re-inclusa	Tamper Zona

Per impostare i comandi di attivazione (trigger):

- 1. Dalla pagina Telecamere IP della centrale, selezionare la voce Aggiungi Trigger e verrà mostrata la relativa finestra.

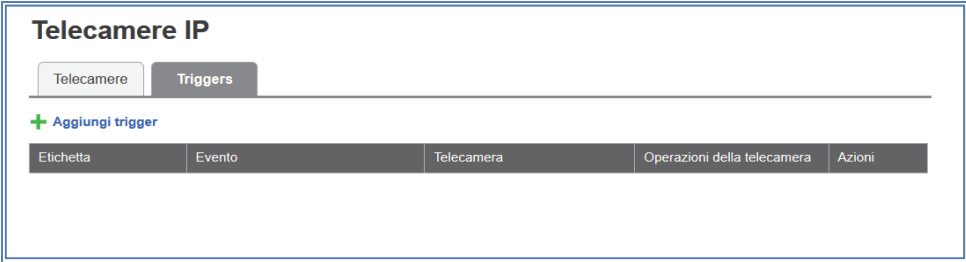


Figura 14 Aggiungi Trigger

- 2. Selezionare Aggiungi Trigger, verrà mostrata la seguente finestra.

The screenshot shows a dialog box titled 'Aggiungi nuovo trigger' with a close button (X) in the top right corner. The dialog is divided into two main sections. The left section contains five input fields: 'Etichetta:' (a text box), 'Telecamera:' (a dropdown menu with 'Select...' as the placeholder), 'Tipo di evento:' (a dropdown menu with 'Segue Partizione' as the selected option), 'Partizioni:' (a dropdown menu with 'Selezionare le partizioni' as the selected option), and 'Evento:' (a dropdown menu with 'Select...' as the placeholder). The right section is titled 'Immagini' and contains two sets of controls. The first set is for 'Inizio Pre-evento (sec):' with a value of '2' and a 'Numero di immagini:' with a value of '5'. The second set is for 'Intervallo tra le immagini (sec):' with a value of '1.0'. Below these, there is a checkbox labeled 'clip' which is currently unchecked. At the bottom of the dialog, there are two buttons: 'Annulla' and 'Fatto'.

Figura 15 Nuovo Trigger

- 3. Compilare i seguenti campi:

Campo	Descrizione	Tipo evento
Etichetta	Nome del Trigger	
Telecamera	Selezionare a quale telecamera associare il trigger	
Tipo di evento	Selezionare il tipo di evento	Partizione o Sensore
Evento	Selezionare l'evento	

La scheda Aggiungi Trigger contiene opzioni aggiuntive a seconda del tipo di evento che si è scelto (la tipologia Partizione o Sensore).

Aggiungi nuovo trigger

Etichetta:

Telecamera:

Select...

Tipo di evento:

Segue Partizione

Partizioni:

Selezionare le partizioni

Evento:

Select...

☐ Immagini

Inizio Pre-evento (sec):

-

2

+

Numero di immagini:

-

5

+

Intervallo tra le immagini (sec):

-

1.0

+

☐ clip

Inizio Pre-evento (sec):

-

5

+

Durata (sec):

-

30

+

Annulla

Fatto

Figura 16 Partizione

Aggiungi nuovo trigger

Etichetta:

Telecamera:

Select...

Tipo di evento:

Segue Sensore

Sensore:

Seleziona sensore

Evento:

Select...

☐ Immagini

Inizio Pre-evento (sec):

-

2

+

Numero di immagini:

-

5

+

Intervallo tra le immagini (sec):

-

1.0

+

☐ clip

Inizio Pre-evento (sec):

-

5

+

Durata (sec):

-

30

+

Annulla

Fatto

Figura 17 Sensore

4. Effettuare le selezioni a seconda del tipo di evento scelto.

Campo	Descrizione	Tipo Evento
Partizione(i)	Selezionare la partizione(i) dalla lista. NOTA – Solo le partizioni associate alla telecamera sono mostrate	Partizione
Sensori	Selezionare i sensori dalla lista	Sensore

5. Programmare i seguenti parametri per le immagini (fotogrammi) e le clip (video):

Campo	Descrizione
Immagini (fotogrammi)	Inizio Pre-evento (sec) – lasso di tempo, precedente all’evento che si verifica, per il quale includere i fotogrammi. Numero di immagini – quantità di immagini. Intervallo tra le immagini (sec) – tempo che intercorre tra le immagini.
Clip (video)	Inizio Pre-evento (sec) – lasso di tempo, precedente all’evento che si verifica, per il quale includere il video (5 secondi) Durata (sec) – durata totale (30 secondi) NOTA – questi due parametri sono fissi, generando una clip di 25 sec + 5 sec.

NOTA: Per abilitare la funzione di registrazione delle clip video assicurarsi di aver inserito una SD card spegnendo e poi rialimentando la telecamera.

- 6. Una volta terminato, selezionare “Fatto”. I comandi Trigger programmati verranno mostrati nella finestra Trigger.

Telecamere IP

Telecamere

Triggers

+ Aggiungi trigger

Etichetta	Evento	Telecamera	Operazioni della telecamera	Azioni
Allarme Zona 2	Sensore - PORTONE INGRESSO Segue Allarme	Uffici RISCO Lato Nord	7 Immagini	  
ALLARME CLIP	Sensore - TAPP SALA Segue Allarme	Orologio	30 secondi clip	  

Figura 18 Lista Trigger

NOTA – Sarà comunque possibile editare , creare o duplicare , oppure cancellare  il trigger selezionato.

IMPORTANTE – Due trigger non possono essere identici. Se viene duplicato un trigger andrà modificato l’evento o la telecamera ad esso associati.

Specifiche Tecniche

Modello		RVCM11W0000B	
Telecamera			
Sensore video		1/3" 1.3Megapixel scan progressivo CMOS	
Pixel		1280(H) × 960(V)	
Sistema Scanning		Progressivo	
Modo esposizione		Auto/Manuale, 1/3(4)~1/30000	
Illuminazione min.		0.85lux/F2.5(colore),0lux/F2.5(IR acceso)	
S/N Ratio		Più di 50dB	
Uscita Video		N/A	
Caratteristiche Telecamera			
Max. portata Illuminatore IR		10m	
Day/Night		Auto(ICR)/Colore/B/W	
BLC		BLC / HLC / DWDR	
Bilanciamento Bianco		Auto/Manuale	
Controllo analogico		Auto/Manuale	
Riduzione Rumore		3D	
Lenti			
Lunghezza Focale		2.8mm	
Apertura Massima		F2.5	
Controllo Focus		Manuale	
Angolo Visuale		95°	
Tipo Lenti		Lente fissa	
Montaggio Lenti		Integrato	
Video			
Compressione		H.264/MJPEG	
Risoluzione		1.3MP/720P/VGA/QVGA	
Frame Rate	Main Stream	1.3MP/720P(1~30fps)	
	Sub Stream	VGA/QVGA(1~30fps)	
Bit Rate		H.264: 32Kbps~8192Kbps	
Audio			
Compressione		G.711a;G.711Mu;AAC	
Interfaccia		Microfono e speaker integrati	
Rete			
Ethernet		RJ45	
Wi-Fi		Wi-Fi(IEEE802.11b/g/n) 50m (campo aperto)	
Protocollo		P2P,HTTP,HTTPS,TCP;IPV4/IPV6;UDP;RTSP;ICMP;RTP;DHCP;NTP;IGMP;ARP ;DNS;DDNS;SMTP;UPNP;Bonjour;Qos,FTP	

Compatibilità	ONVIF, CGI
Max. Numero utenti	10 utenti
Smart Phone	iPhone, iPad, Android
Interfaccia Ausiliaria	
Slot Memoria	Micro SD, fino a 128GB
RS485	N/A
Allarme	1 ingresso e 1 uscita
Rivelatore PIR / Portata	Si, 6m
USB	Micro USB
Generali	
Alimentatore	DC 12V
Assorbimento	<4.5W
Frequenza e Potenza	2412 – 2462 MHz, 0.0215 W 2422 – 2452 MHz, 0.0095 W
Temperatura di esercizio	-10°C~+45°C, meno di 95%RH
Grado protezione	N/A
Protezione Anti-Vandalismo	N/A
Dimensioni	Φ78.5mm×127.8mm
Peso	0.45KG con imballo

VUpoint

Cámara IP Cube P2P de interior



Modelo: RVCM11W

ES



<http://VUpoint-P2P.riscogroup.com/How-to-Install/>

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 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 tiene 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 cualquier avería.

ATENCIÓN:

- Asegúrese de que el voltaje de la alimentación es el adecuado antes de usar la cámara.
- No deje caer la cámara ni la someta a ningún tipo de impacto.
- No toque los sensores con los dedos. Si es necesario limpiarlos, use un trapo limpio mojado ligeramente en alcohol y úselo cuidadosamente.
- No oriente la lente de la cámara a una fuente de luz potente como el sol o una lámpara incandescente. La luz intensa puede causar daños irreparables a la cámara.
- El sensor se puede quemar por el uso de un láser, por este motivo si se va a emplear cerca de la cámara cualquier equipamiento que disponga de láser, asegúrese de que la superficie del sensor no está expuesta al mismo.
- No instale la cámara en entornos de temperatura extremos (la temperatura de operación se debe encontrar entre el rango -10 °C - +50 °C).
- Para evitar el sobrecalentamiento de la cámara, se recomienda utilizarla en un entorno que disponga de una buena ventilación.
- Mantenga la cámara alejada de agua y otros líquidos.

- Durante su distribución, la cámara debe estar empaquetada 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

RISCO Group presenta VUpoint, una revolucionaria solución de videoverificación que integra fácilmente cámaras IP con los sistemas de seguridad profesional de RISCO. Impulsado por RISCO Cloud (Servidor de la aplicación RISCO), VUpoint proporciona un nivel de seguridad y videoverificación en vivo sin precedentes para centrales receptoras y usuarios finales por igual. La cámara IP Cube de interior de RISCO es una parte importante de esta solución y se puede controlar fácilmente a través de aplicaciones web y dispositivos móviles.

Características

- Instalación Plug & Play
- 1,3 megapíxeles
- Color HD
- Día/Noche
- Alcance del LED IR: 10 m
- Audio bidireccional

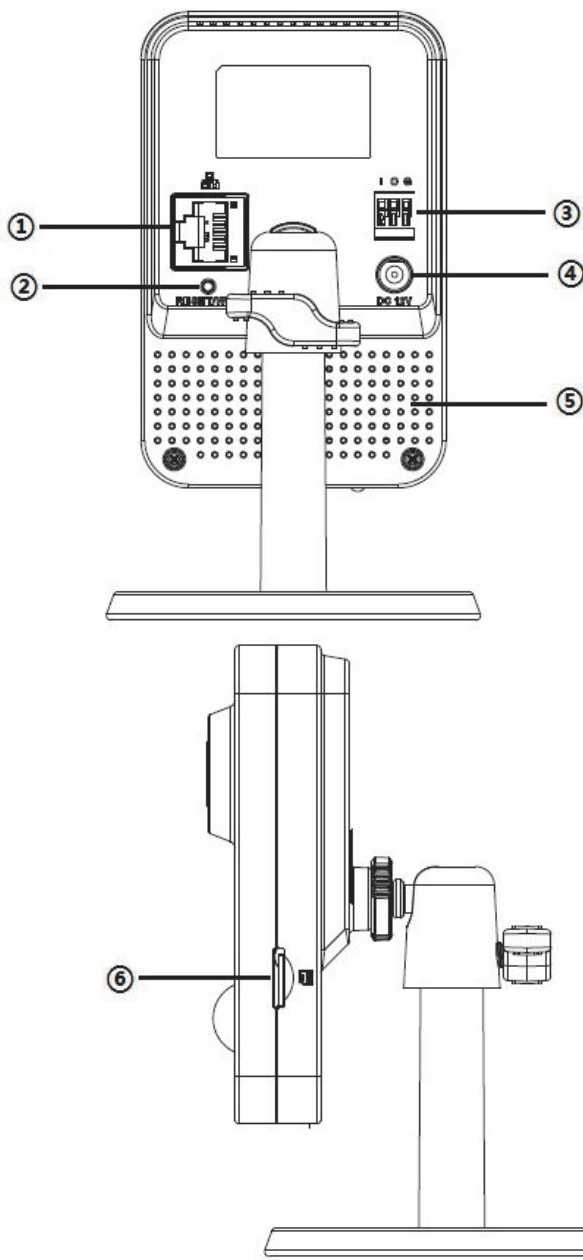
Componentes y accesorios

Cámara IP RISCO y soporte:



Guía de instalación

Componentes y dimensiones de la cámara IP



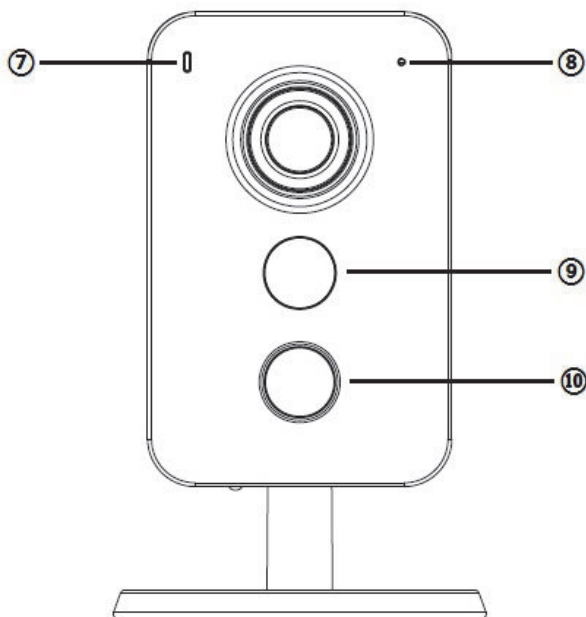


Figura 1 Componentes de la cámara IP

Número	Descripción
1	Puerto de red (también disponible el modo de conexión inalámbrica)
2	Botón Reset/WPS
3	Entrada/salida digital
4	Puerto de alimentación
5	Altavoz integrado
6	Ranura para tarjeta Micro SD
7	Indicador
8	Micrófono integrado
9	LED IR
10	PIR (IR en sensor, trigger de alarma)

Nota:

- Para Reset (restaurar los ajustes de fábrica de la cámara), mantenga presionado durante 15 segundos y la luz se apagará.
 - Para WPS, pulse rápidamente una sola vez.
-

Indicación	Significado
Rojo fijo	Arrancando
Verde con parpadeo lento	La cámara IP no está conectada a RISCO Cloud. Compruebe la conexión a Internet y reinicie la cámara IP para intentar volver a conectarla.
Verde con parpadeo rápido	Config inteligente de WiFi en curso, incluido WPS, marco de gestión, etc.
Verde fijo	La cámara IP está conectada correctamente a RISCO Cloud.
Verde y rojo con parpadeo alterno	Actualización del dispositivo
Rojo con parpadeo lento	Error de conexión de red o desconexión tras una conexión de red correcta.
Rojo con parpadeo rápido	Error de funcionamiento del dispositivo, error de arranque, error de alarma o de tarjeta SD

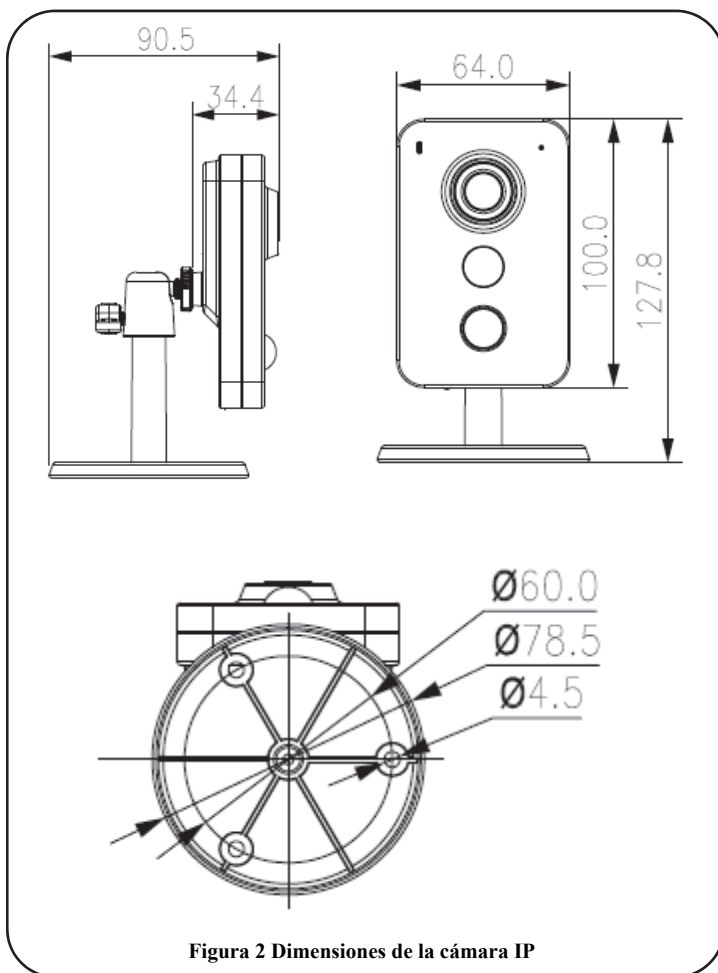
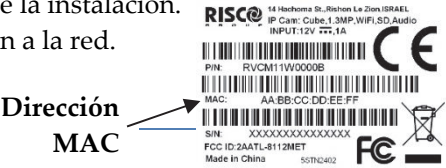


Figura 2 Dimensiones de la cámara IP

Instalación de la cámara IP

Después de leer las instrucciones de instalación y antes de instalar su cámara IP, planifique el montaje de la misma en la localización elegida. La correcta colocación de su cámara IP es crucial para un rendimiento óptimo de la monitorización. En primer lugar, determine qué áreas deben ser protegidas y seguidamente planifique cuáles son las zonas óptimas para instalar su cámara IP.

IMPORTANTE: es muy importante anotar la dirección MAC visible en la caja o en la cubierta trasera de la cámara IP antes de la instalación. Podría necesitarla durante la fase de conexión a la red.



Montaje de la cámara IP

La cámara IP soporta dos tipos de montaje distintos; para techo y pared (consulte la Figura 3 más abajo).

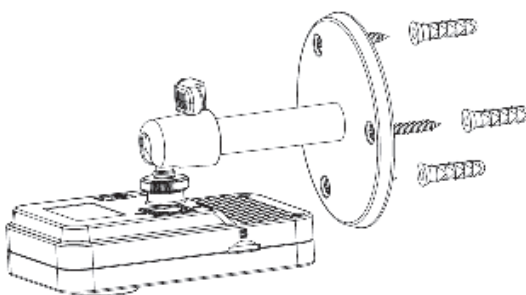


Figura 3 Montaje de pared/techo

IMPORTANTE: asegúrese de que la superficie de instalación puede soportar como mínimo 3 veces el peso de la cámara y del soporte.

Paso	Descripción
1	Coloque la plantilla de instalación en la superficie del techo o pared.
2	Realice los agujeros en la superficie de acuerdo con la plantilla.
3	Saque de la bolsa de accesorios los tacos e insértelos en los agujeros.
4	Coloque la base de la cámara IP sobre los agujeros.
5	Saque de la bolsa de accesorios los tornillos y atornille la cámara IP firmemente.
6	Afloje los tornillos y mueva la rótula para ajustar la cámara IP y posicionarla de acuerdo a sus necesidades de videovigilancia.
7	Apriete los tornillos para fijar la cámara IP.

Alimentación de la cámara IP

Suministrar corriente al puerto de alimentación de la cámara IP.

Conectar la cámara a una toma eléctrica. Cuando la cámara IP arranca, el indicador de alimentación VERDE parpadea.

Conectar la cámara IP a la red

La cámara IP soporta varias opciones de conexión de red, incluidas redes locales cableadas y redes inalámbricas.

Conectarse a una red local cableada

Conectar la cámara IP a una red a través de la red LAN (Red de Área Local) permite conectar y configurar fácilmente puntos de acceso compatibles, por ejemplo, puertas de enlace o routers.

1. Conectar el cable de red entrante al puerto de red de la cámara IP.
2. El indicador de red VERDE se ilumina para mostrar que la cámara IP ya está conectada a la red. Continúe con la sección Definir la configuración de la cámara IP.

Conectarse a una red inalámbrica con WPS

Conectar la cámara IP a una red inalámbrica con WPS requiere que el router soporte la funcionalidad WPS.

NOTA: algunos routers tienen un botón virtual en su software de gestión. (Consulte la documentación del router para saber más sobre sus funciones WPS).

1. Una vez conectado el cable de alimentación, espere a que el indicador de red VERDE parpadee lentamente.
2. Mantener presionado el botón WPS de la cámara IP y el botón WPS del router durante 2 segundos. El indicador de red VERDE muestra que la cámara IP ya está conectada a la red. Continúe con la sección Definir la configuración de la cámara IP.

Conectarse a una red inalámbrica con RISCO Cloud

Para conectar la cámara IP a una red inalámbrica con RISCO Cloud (Servidor de la aplicación RISCO) es preciso conectar primero la cámara IP al router a través de la red LAN y, después, desde la Aplicación para instaladores de RISCO Cloud, definir los ajustes de la cámara IP y establecer una conexión inalámbrica.

Una vez establecida la conexión inalámbrica, se puede desconectar la cámara IP del router e instalarla/montarla.

1. Conectar el cable de red entrante al puerto de red de la cámara IP.
2. El indicador de red VERDE se ilumina para mostrar que la cámara IP ya está conectada a la red. Continúe con la sección Definir la configuración de la cámara IP.

NOTA: antes de desconectar la cámara, debe configurar la red inalámbrica a través de RISCO Cloud.

3. Una vez establecida la conexión inalámbrica, puede desconectar la cámara IP del router e instalarla/montarla dentro de la zona supervisada.

Cámaras IP y la Aplicación para instaladores de RISCO Cloud

La aplicación para instaladores de RISCO Cloud ofrece una interfaz al panel de control desde un ordenador local o remoto vía Internet. Esto permite añadir cámaras IP y definir ajustes de trigger de alarma de eventos y de cámaras.

IMPORTANTE: debe haber definido primero un panel de control en RISCO Cloud para poder aceptar cámaras IP y configurar los ajustes de la cámara (consulte el manual de la aplicación para instaladores de RISCO Cloud).

Definir la configuración de la cámara IP

Una vez conectada la cámara IP a la red (consulte la sección Conectar la cámara IP a la red), puede definir la configuración de la cámara.

Para definir la configuración de la cámara IP:

1. Conéctese a la aplicación de administración de instaladores desde la página web suministrada por su proveedor de servicios e introduzca su nombre de usuario y contraseña.

NOTA: es recomendable usar Google Chrome o Mozilla Firefox para conectarse a la aplicación de administrador de instaladores.

2. Seleccione el vínculo **Control Panels List**. Se visualizará la página **Control Panels List**.

Users List		Service Providers List		Control Panels List		Statistics		Services Info		Logout	
Customization		Configurations		Control Panels Groups		Email & SMS Settings		SMS/Email Traffic		Licenses	
Control Panels from group: All Panels (Page 1/4)											
Find Control Panels where Last Name begins with [] Find											
CP Login ID	Web Login ID	First Name	Last Name	Cell Phone	Provider (1st)	Account	Last Connected Time	Online?			
TCONNECT203	*****	*****	*****	*****	*****	*****	7/17/2012 9:39:48 AM	No			
22400000123	*****	*****	*****	*****	*****	*****	4/19/2012 5:34:47 PM	No			
224000048768	*****	*****	*****	*****	*****	*****	Never	No			
22400036472	*****	*****	*****	*****	*****	*****	5/14/2012 3:26:34 PM	No			
22400000014	*****	*****	*****	*****	*****	*****	4/25/2012 9:00:11 AM	No			
22400065764	*****	*****	*****	*****	*****	*****	5/21/2012 3:25:56 PM	No			
22400000010	*****	*****	*****	*****	*****	*****	4/30/2012 1:11:16 PM	No			
22400066013	*****	*****	*****	*****	*****	*****	5/2/2012 4:55:14 PM	No			
22400000012	*****	*****	*****	*****	*****	*****	9/27/2012 1:01:38 PM	No			
22400065725	*****	*****	*****	*****	*****	*****	9/19/2012 12:27:16 PM	No			
New Customer											
Note: A new panel shall be automatically assigned to the currently selected CP group.											
10 >>>											

Figura 4 Página Control Panels List

3. Desde la página **Control Panels List**, seleccione el panel de control que desee visualizar. Se visualizará la página **Control Panels Update**.

Figura 5 Página Control Panel Update

4. Pulse **Network Cameras** en la columna de la izquierda y se abrirá la página **IP Camera List**.

Figura 6 Lista de cámaras IP

5. Pulse **Add Camera**; se visualizará el cuadro de diálogo **Add Camera**.
6. Seleccione **RISCO P2P** como tipo de cámara.

Figura 7 Add Camera

7. Defina los siguientes campos en el cuadro de diálogo **Add Camera**:

Campo	Descripción
Label	Especifique el nombre de la cámara
Partitions	Seleccione las particiones de la lista de particiones definidas
Type	Elija RISCO P2P como tipo de cámara (para la configuración de tipos de cámaras ONVIF o cámaras genéricas, consulte el manual de la aplicación para instaladores de RISCO Cloud)

MAC Address	Introduzca la dirección MAC en este campo. La dirección MAC (Media Access Control Address) es el identificador único asignado a la cámara IP para la comunicación en la red física. NOTA: la dirección MAC distingue entre mayúsculas y minúsculas y se debe introducir exactamente como se muestra en la caja o en la etiqueta de la cámara IP, por ejemplo, AA:BB:CC:DD:EE:FF
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8. Pulse **Add**; aparecerá el siguiente mensaje.

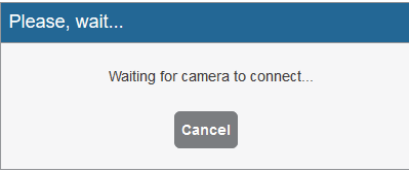


Figura 8 Mensaje de espera de conexión de cámara

Si se muestra el mensaje *Connect to WiFi*, vaya directamente al paso 9.

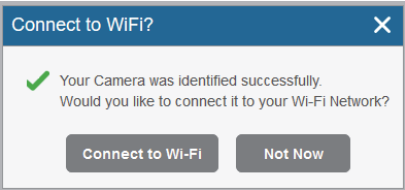


Figura 9 Mensaje *Connect to WiFi*

9. Seleccione una de las opciones siguientes:

Connect to Wi-Fi: permite establecer una conexión de red inalámbrica (vaya al paso 9 para conectar la cámara IP a la red inalámbrica).

Not Now: permite mantener la conexión de la cámara IP a través de una conexión de red LAN (omite los pasos 10, 11 y 12 de la conexión a la red inalámbrica).

10. Si selecciona la opción **Connect to Wi-Fi**, aparecerá una lista con las redes inalámbricas disponibles.

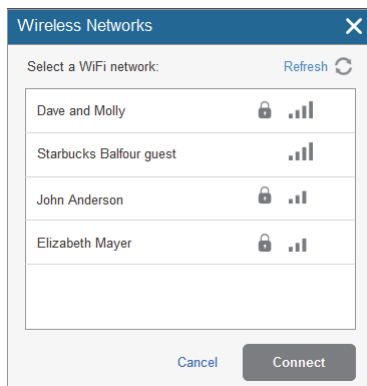


Figura 10 Lista de redes inalámbricas disponibles

11. Seleccione una red inalámbrica en la lista disponible y pulse **Connect**.

NOTA: si la red está protegida con contraseña, será preciso introducir una contraseña en la pantalla de contraseña.

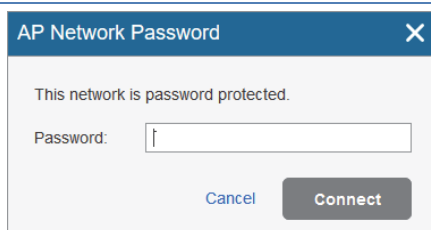


Figura 11 Contraseña del Punto de Acceso

12. Pulse **Connect** para establecer la conexión inalámbrica (consulte la sección Conectarse a una red inalámbrica a través de RISCO Cloud); aparecerá el siguiente mensaje.

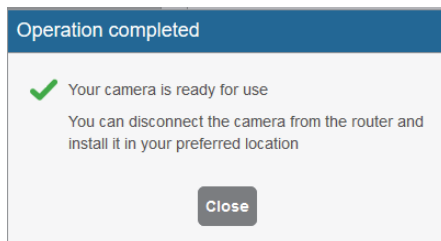


Figura 12 Operación Completada

13. Cuando aparezca el mensaje *Camera is ready for use*, pulse **Close**. La cámara IP definida se visualizará en la página de cámaras IP.

NOTA: una vez establecida la conexión inalámbrica, no olvide desconectar el cable Ethernet de la cámara IP del router.

IP Cameras

Cameras

Triggers

+ Add Camera

Label	Partition	Type	MAC Address	Wi-Fi	Actions
Main Entrance cam	Lobby Floor	RISCO	00-10-5A-44-12-B5	Connected	
Front yard cam	Lobby Floor, Storage Rooms	RISCO	00-10-2B-36-11-18	Connect	
Lobby cam	Lobby Floor	Generic	11-10-5A-44-12-B5	Connect	
Living Room	Storage Rooms	ONVIF	07-10-5A-4A-28-B6	Connected	
Second Floor north cam	Storage Rooms	ONVIF	00-10-5A-44-12-B5	Connected	
Basement	Sun Microsystems	RISCO	03-10-5A-44-12-B5	Connected	

Figura 13 Lista de cámaras IP

NOTA: también existe la opción de editar o eliminar la cámara IP seleccionada.

Pulse el botón **FW** de la columna **Actions** para comprobar si el firmware está actualizado.

IP Cameras

Cameras

Triggers

+ Add Camera

Label	Partition	Type	MAC/IP Address	Wi-Fi	Actions
Cube - Office	Partition 1	RISCO P2P Camera	3C:EF:8C:DF:6C:59	Risco-Guest	

Figura 14 Actualización de firmware

La nueva versión del firmware se mostrará en la ventana que se abre (si procede).

Firmware Update

Current FW version:

2.400.0000.2.R

Newer FW version:

2.400.0000.3.R

FW update state:

You can initiate the update manually.

Update FW

Close

Figura 15 Nueva versión del firmware

Definir la configuración de los triggers de la cámara

Cualquiera de los eventos de la lista que puede ver a continuación pueden definirse para activar un evento.

Eventos asociados a particiones			
Fire Alarm	Panic Alarm	Medical Alarm	Alarm
Full Arm	Part Arm	Disarmed	Duress
Tamper	24 HR-X Alarm	Water Alarm	Gas Alarm
Environ. Alarm	No Motion Alarm	Exit Alarm	Low Temperature
Eventos de detector			
Alarm	Zone Bypassed	Zone Un-bypassed	Zone Tamper

Para definir la configuración de los triggers de la cámara:

1. En la página **Cameras** del panel de control, pulse la pestaña **Triggers**; se visualizará la página **Camera Triggers List**.

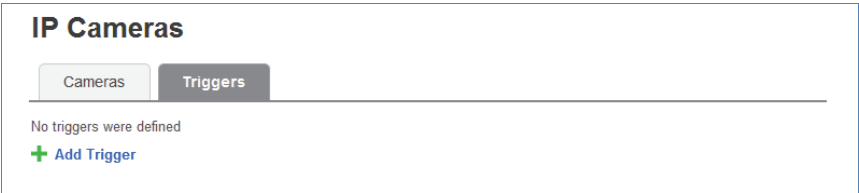


Figura 16 Lista de triggers de la cámara

2. Pulse **Add Trigger**; aparecerá el cuadro de diálogo **Add Triggers**.

Add New Trigger

Label:

Camera:

Select...

Event Type:

Follow Partition

Partitions:

Select partitions

Event:

Select...

☐ Images

Pre-event starting time (sec):

-

2

+

Number of images:

-

5

+

Interval between images (sec):

-

1.0

+

☐ Clip

Pre-event starting time (sec):

-

5

+

Duration (sec):

-

30

+

Cancel

Done

Figura 17 Añadir trigger

3. Defina los siguientes campos en el cuadro de diálogo **Add Trigger**:

Campo	Descripción	Tipo de evento
Label	Especifique el nombre del trigger de la cámara	Eventos de partición y de detector
Camera	Elija una cámara de la lista	Eventos de partición y de detector
Event Type	Elija un tipo de evento de la lista	Eventos de partición y de detector
Event	Elija un evento de la lista.	Eventos de partición y de detector

El cuadro de diálogo **Add Trigger** puede incluir más campos en función del tipo de evento seleccionado (consulte los siguientes ejemplos de tipos de eventos de partición y de detector).

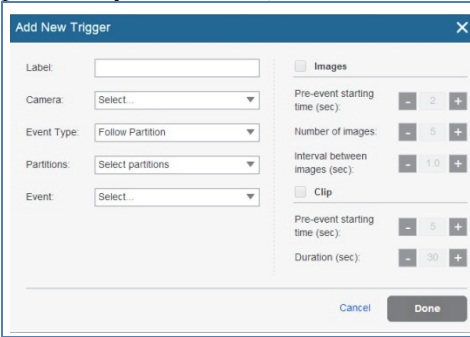


Figura 18 Añadir trigger de evento de partición

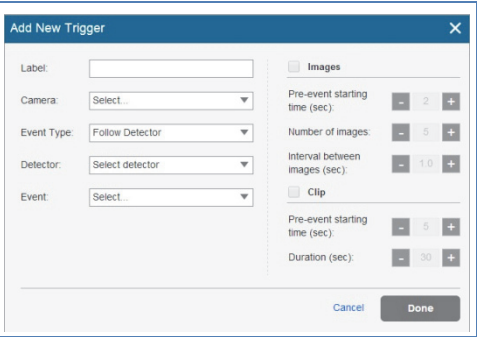


Figura 19 Añadir trigger de evento de detector

4. Defina los siguientes campos del cuadro de diálogo **Add Trigger** en función del tipo de evento seleccionado.

Campo	Descripción	Tipo de evento
Partition(s)	Selecione las particiones de la lista. NOTA: solo se muestran las particiones asociadas a la cámara.	Solo eventos de partición
Detectors	Selecione el detector de la lista.	Solo eventos de detector

5. Defina las siguientes definiciones de imagen (estática) y clip (vídeo):

Campo	Descripción
Images (still)	Pre-event starting time (sec): hora (anterior al evento real ocurrido) a la que se comienzan a mostrar imágenes estáticas. Number of images: número de imágenes estáticas para mostrar. Interval between images (sec): tiempo requerido entre cada imagen estática.
Clips (video)	Pre-event starting time (sec): hora (anterior al evento real ocurrido) a la que se comienza a mostrar vídeo. Duration (sec): duración total del clip de vídeo NOTA: estos campos están bloqueados actualmente y no es posible cambiar sus parámetros predeterminados.

Nota: Para que se puedan grabar video clips, asegúrese de insertar una tarjeta SD y de desconectar y conectar la electricidad de la cámara.

6. Cuando haya terminado, pulse **Done**. El trigger de la cámara definido se visualizará en la página de la lista de triggers de la cámara.

IP Cameras

Cameras

Triggers

+ Add Trigger

Label	Event	Camera	Camera Operations	Actions
Lobby floor alarm	Partition - Lobby Floor Alarm Follow	Street cam North	3 images, 10 seconds clip	
Storage Tamper	Partition - Storage Rooms Tamper Follow	Street cam South	1 image	
Lobby Arming	Detector - Lobby South-East Arm Follow	Lobby main cam	5 images, 20 seconds clip	

Duplicate

Figura 20 Lista de triggers de la cámara

NOTA: también existen opciones para editar , crear un duplicado  o eliminar  el trigger de la cámara seleccionada.

IMPORTANTE: no se pueden definir dos triggers de cámara idénticos. Si se duplica un trigger de la cámara, el evento, la cámara o ambas definiciones deben modificarse.

Configuración avanzada

Por motivos de seguridad, se han tomado medidas como la restricción del acceso a la cámara IP para minimizar los riesgos de intervención no deseada. No obstante, en algunos casos es necesario modificar la configuración predeterminada de la cámara IP según las necesidades puntuales. Esta tarea debe llevarla a cabo un instalador profesional con experiencia y permiso especial para acceder a la configuración de la cámara IP.

Para acceder a la configuración de la cámara IP

1. Pulse el botón ... para activar la opción UI/CGI.

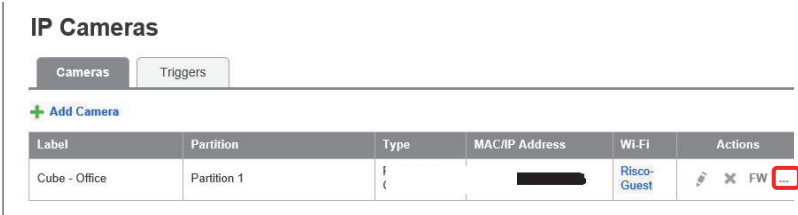


Figura 21 La configuración de la cámara IP

Aparecerá la siguiente pantalla.



Figura 22 La casilla de verificación UI/CGI

2. Marque la casilla de verificación UI/CGI.
3. Pulse **Save**.

El instalador ahora tiene acceso a la interfaz web de la cámara IP durante una hora. Abra una ventana del navegador de Internet y escriba la dirección IP de la cámara. Por defecto, los campos de nombre de usuario y contraseña para acceder al inicio de sesión de la cámara IP son **admin** y **AdmiN_dirección MAC de la cámara IP** (por ejemplo, **_AdmiN_AABBCCDDEEFF**).

NOTA: transcurrida una hora, el acceso a la cámara se desactiva.

Conectarse a un grabador de vídeo de red local (NVR)

El instalador puede conectar la cámara IP a un NVR local. El instalador debe determinar la dirección IP de la cámara IP y configurarla como una cámara ONVIF en el NVR. Además, el instalador debe introducir las credenciales de la cámara IP. Por defecto, los campos de nombre de usuario y contraseña para acceder al inicio de sesión de la cámara IP son **admin** y **AdmiN_dirección MAC de la cámara IP** (por ejemplo, _AdmiN_AABBCCDDEEFF). Se utilizan las mismas credenciales para la cámara ONVIF.

El instalador ahora puede acceder también a la transmisión en directo de la cámara IP.

NOTA: los cambios realizados en la configuración predeterminada de la cámara IP se realizan bajo la responsabilidad del instalador.

Especificaciones del producto

Modelo		RVCM11W0000B
Cámara		
Sensor de imagen		1/3" CMOS de 1,3 megapíxeles
Píxeles efectivos		1280(H) x 960(V)
Sistema de barrido		Progresivo
Velocidad de obturador electrónico		Auto/Manual, 1/3(4)~1/30000
Iluminación mínima		0,85 lux/F2.5(color), 0 lux/F2.5(IR encendido)
Relación S/N		Más de 50 dB
Salida de vídeo		N/A
Características de la cámara		
Alcance máximo de los LED		10 m
Día/Noche		Auto(ICR)/Color/B/N
Compensación de contraluz		BLC/HLC/DWDR
Balance de blancos		Auto/Manual
Control de ganancia		Auto/Manual
Reducción de ruido		3D
Lente		
Distancia focal		2,8 mm
Apertura máxima		F2.5
Control de enfoque		Manual
Ángulo de visión		95°
Tipo de lente		Lente fija
Tipo de montaje		Tipo panel
Vídeo		
Compresión		H.264/MJPEG
Resolución		1,3 MP/720P/VGA/QVGA
Velocidad de fotogramas	Transmisión principal	1,3 MP/720P(1~30 fps)
	Transmisión secundaria	VGA/QVGA(1~30 fps)
Velocidad de bits		H.264: 32 Kbps~8192 Kbps
Audio		
Compresión		G.711a;G.711Mu;AAC
Interfaz		Altavoz/micrófono integrado

Red	
Ethernet	RJ45
Wi-Fi	Wi-Fi (IEEE802.11b/g/n) 50 m (campo abierto)
Protocolos	P2P, HTTP; HTTPS; TCP; IPV4/IPV6 ;UDP; RTSP; ICMP; RTP; DHCP; NTP; IGMP; ARP; DNS; DDNS; SMTP; UPNP; Bonjour; Qos, FTP
Compatibilidad	ONVIF CGI
Número máximo de acceso de usuarios	10 usuarios
Dispositivos móviles	iPhone, iPad, Android
Interfaz auxiliar	
Ranura de memoria	Micro SD, hasta 128 GB
RS485	N/A
Alarm	1 entrada/1 salida
Rango de sensor PIR	Sí, 6 m
USB	Micro USB
General	
Fuente de alimentación	12 V CC
Consumo de energía	<4,5 W
Frecuencia y Potencia	2412 – 2462 MHz, 0.0215 W 2422 – 2452 MHz, 0.0095 W
Entorno de funcionamiento	-10 °C~+45 °C, menos de 95% de humedad relativa
Protección frente a penetración	N/A
Resistencia vandálica	N/A
Dimensiones (AN×PR×AL)	Φ 78,5 mm × 127,8 mm
Peso	0,45 kg con embalaje

Standard Limited Product Warranty (“Limited Warranty”)

RISCO Ltd. (“RISCO”) guarantee RISCO’s hardware products (“**Products**”) to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the “**Warranty Period**”). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new.

Contact with customers only. This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO’s customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO’s authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO’s authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual 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.

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RED Statement

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

Contacting RISCO

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