

Multilingual Version

[English](#)

[日本語](#)



QUICK GUIDE

For more product details, please visit
www.surveillance-download.com/user/m521.swf





Package Contents

Before starting to set up your camera, please make sure items below are in your box:

▼ **Standard package:**

	
Camera	Quick Guide

▼ **Optional accessories:**

			
Screws, Wall Plugs, Rubber Rings (x3)	Wrench	Desiccants (x2)	metal rings (x3)

Installation

Step 1: Uncover the dome camera by loosening the three screws on the housing with the supplied wrench.

Note: The three screws aren't designed to be removed from the housing.

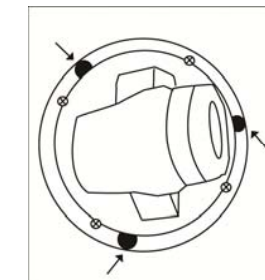
Step 2: Attach the supplied installation sticker to your desired installation location.

Step 3: Locate the three deepest holes on the base. (See Pic 1.) They are where the three supplied screws belong.

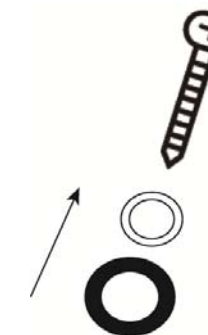
On the sticker, make holes where the three screws and the cables are supposed to penetrate. However, if the cables won't go through the surface, you don't need to make the hole for them in advance.

Next, align the camera with the sticker, putting the three screws through the holes, as well as the cables—if necessary. Then, tighten the screws.

Note: Put the screws through both the rubber rings and metal rings (optional), then into the holes. (See Pic 2.) To be on the safe side, it is recommended that you be assisted with installation, considering the camera is heavy.



Pic 1

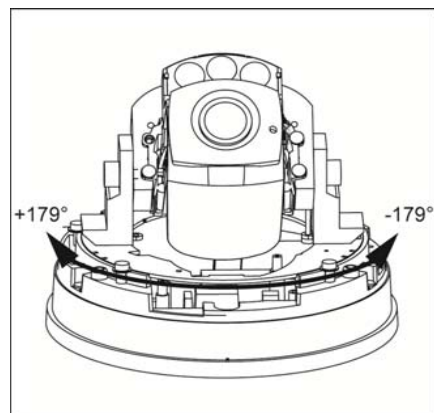


Pic 2

Installation (Continued)

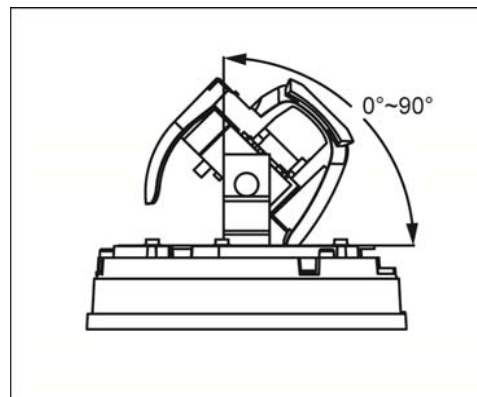
Step 4: The lens can be adjusted in three ways:

a. Loosen the four screws on the plate, along with which you, in turn, can pan the camera.



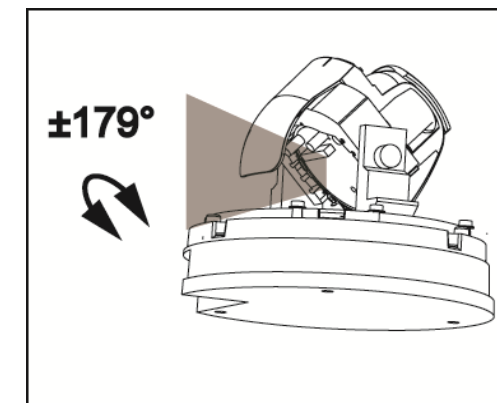
Pan

b. Tilt the lens after loosening the two screws on either side of the lens.



Tilt

c. Remove the protective case by loosening the two screws on it before rotating the lens from behind.



Rotate

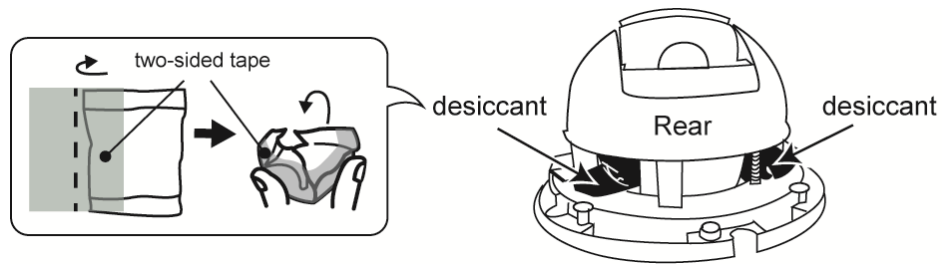
Installation (Continued)

Step 5: Be sure to replace the original desiccant(s) with the new ones. Use provided double-sided tape to stick the desiccants in place as illustrated below. Keep them inward enough for the housing to close nicely. The new desiccants must not be exposed to air for over 30 seconds.

Note: Both the two new desiccants are to be put in the camera to remove excessive humidity and ensure the camera works well.

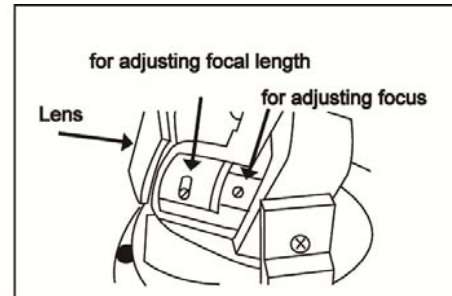
Step 6: Then, clear the lens of fingerprints and replace the housing before tightening the screws on it.

Step 7: Power up the camera.



Focusing the Camera

If you need to adjust the focus, the picture below shows you how:

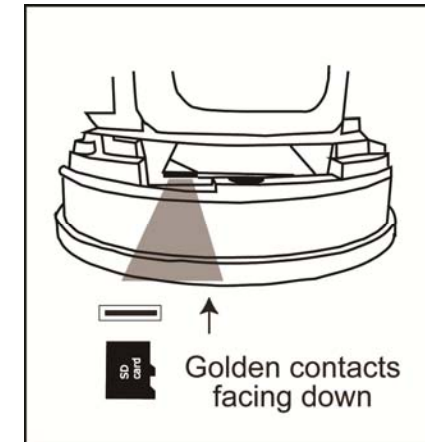


Inserting MicroSD Card

The data originally saved in the microSD card (if any) will be removed after inserting it to the camera.

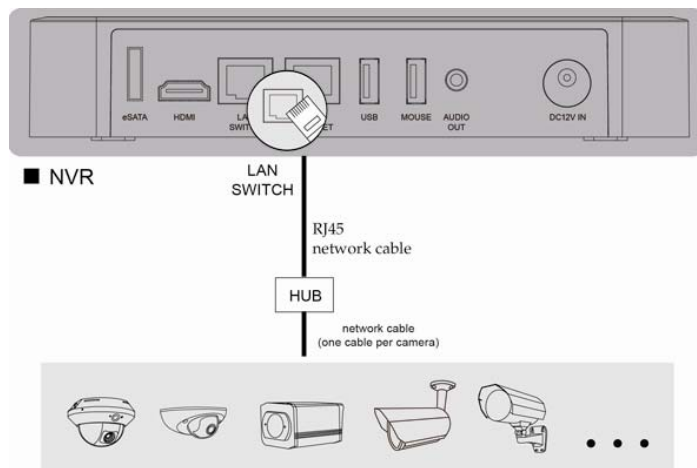
The camera doesn't support hot-swapping. Please insert or remove the microSD card with power disconnected.

Please follow the directions in the below graphic to insert MicroSD card properly:



Camera Configuration

For advanced configuration of your camera, please be sure you have connected your camera to NVR as shown below:



Step1: Connect PC to the HUB connected to your camera(s) with RJ45 network cable.

Step2: Search available devices with "IPScan.exe"; to download "IPScan.exe", please visit www.surveillance-download.com/user/IPscan.zip

Step3: After searching, set your PC in the same network segment as the specific camera you want to access, such as "192.168.30.xxx" (xxx could be 0~255) in our example

IP	Port	Type	Mac	
192.168.30.1	88	IP CAMERA (FIX)	00:19:94:25:78:4f	Configure
192.168.30.1		IP CAMERA (FIX)	00:18:94:25:77:4f	Upgrade
192.168.30.4	88	IP CAMERA (FIX)	00:17:94:25:76:4f	Scan
192.168.30.5	88	IP CAMERA (FIX)	00:16:94:25:75:4f	
192.168.30.6	88	IP CAMERA (FIX)	00:15:94:25:74:4f	
				Exit

Step4: Note down the IP address and port number of the camera you want to access, such as "192.168.30.1" and "88" in our example.

Step5: Open Internet Explorer on the PC, and enter the IP address and port number in the URL column to access the camera. The format is `http://ipaddress:portnum`, such as `http://192.168.30.1:88` in our example.

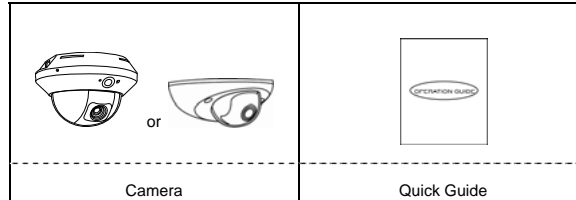
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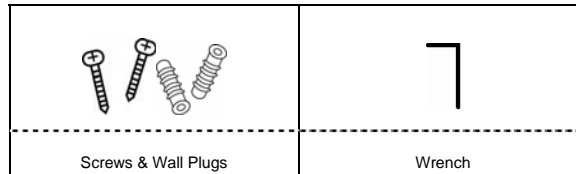
PACKAGE CONTENTS

Before starting to set up your camera, please make sure items below are in your box:

Standard package:

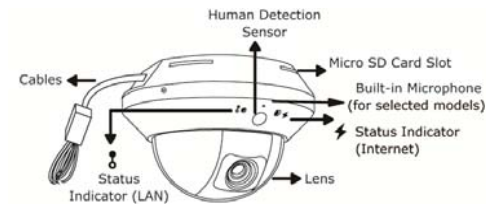


Optional accessories:

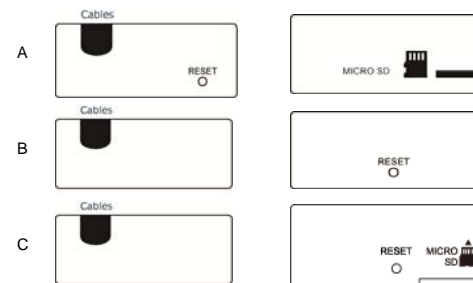


Camera Overview

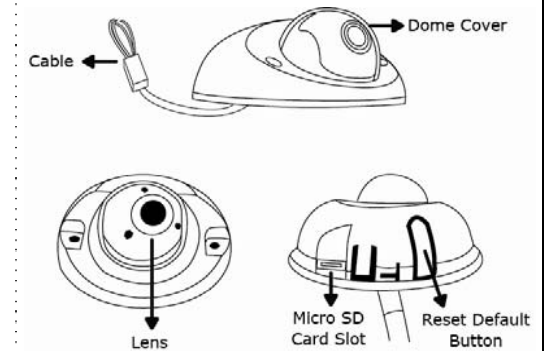
Type 1



Side View (depending on the model you use)



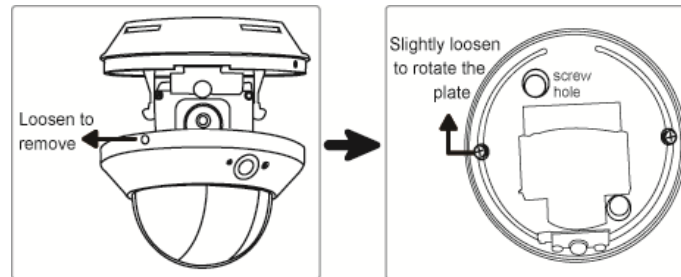
Type 2



INSTALLATION

Type 1

- Step 1: Separate the dome cover from the camera.
- Step 2: Make sure the screw holes on the plate are aligned with the holes on the camera base. If not, slightly loosen the two screws on the plate and rotate it.



- Step 3: Mark the locations of the two screw holes on the ceiling or wall, and drill a hole for each on the ceiling or wall. The distance between your camera and the location you want to monitor should be 3 ~ 4 meters.
- Step 4: Fix the camera to the ceiling or wall with the supplied screws.
- Step 5: Connect your camera to power.
- Step 6: Pan, tilt and rotate the lens itself to adjust the position and viewing angle of the camera, and fasten the two screws on the plate to fix.

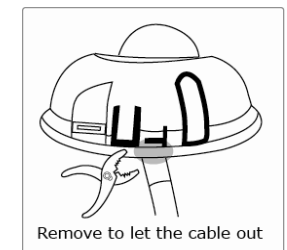
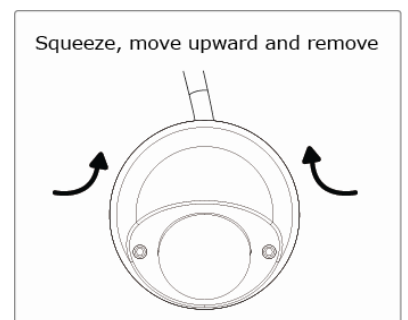
Note: You don't need to manually pan the type with motorized pan.

- Step 7: Replace the dome cover back to the camera.

Note: Please wipe the inner part of the dome cover against the lens for clear images.

Type 2

- Step 1: Separate the dome cover from the camera.
- Squeeze two sides of the dome cover as located and indicated below, and move it upward to remove.
- Step 2: Place the camera to where you want to install, on the ceiling or wall, and mark the points for screws.
- Step 3: (Optional) When the cable is arranged to walk along the wall, find and cut as indicated below to let the cable out.
- Step 4: Fix the camera to the ceiling or wall with the supplied screws.
- Step 5: Connect your camera to power.

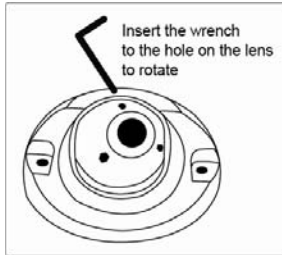


INSTALLATION (Continued)

Type 2 (Continued)

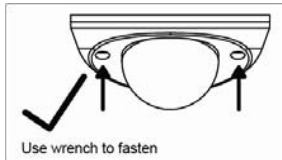
Step 6: Pan, tilt and rotate the lens to adjust the position and viewing angle.

To rotate the lens, it's recommended to use the supplied wrench by inserting it to any of the three holes on the lens.



Note: The rotation angle of the lens is not 360°.

When rotating the lens, do not force the lens to rotate when you feel resistance. Also, please leave the focal length the way it is. The default is already the optimum.



Step 7: Replace the dome cover back.

Note: Please wipe the inner part of the dome cover against the lens for clear images.

Step 8: Fasten the cover screws as indicated below.

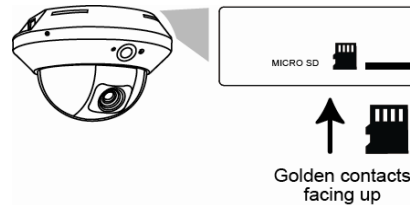
Insert MicroSD Card (For selected models)

The data originally saved in the microSD card (if any) will be removed after inserting it to the camera.

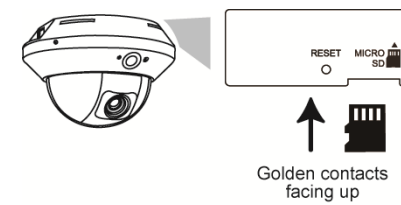
The camera doesn't support hot-swapping. Please insert or remove the microSD card with power disconnected.

Please follow the directions in the below graphic to insert microSD card properly:

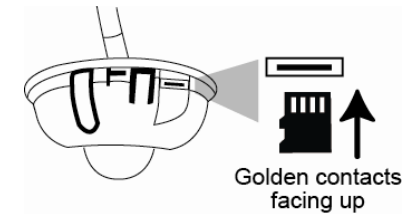
Type 1



Type 2

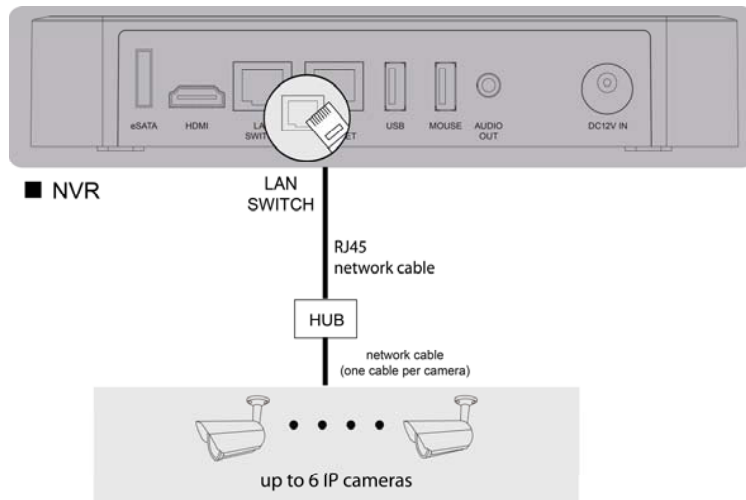


Type 3



CAMERA CONFIGURATION

For advanced configuration of your camera, please be sure you have connected your camera to NVR as shown below:



Step 1: Connect PC to the HUB connected to your camera(s) with RJ45 network cable.

Step 2: Search available devices with "IPScan.exe"; to download "IPScan.exe", please visit www.surveillance-download.com/user/IPscan.zip

Step 3: After searching, set your PC in the same network segment as the specific camera you want to access, such as "192.168.30.xxx" (xxx could be 0-255) in our example

IP	Port	Type	Mac	
192.168.30.1	88	IP CAMERA (FIX)	00:19:94:25:78:4f	Configure
192.168.30.1		IP CAMERA (FIX)	00:18:94:25:77:4f	Upgrade
192.168.30.4	88	IP CAMERA (FIX)	00:17:94:25:76:4f	Scan
192.168.30.5	88	IP CAMERA (FIX)	00:16:94:25:75:4f	
192.168.30.6	88	IP CAMERA (FIX)	00:15:94:25:74:4f	
				Exit

Step 4: Note down the IP address and port number of the camera you want to access, such as "192.168.30.1" and "88" in our example.

Step 5: Open Internet Explorer on the PC, and enter the IP address and port number in the URL column to access the camera. The format is `http://ipaddress:portnum`, such as `http://192.168.30.1:88` in our example.

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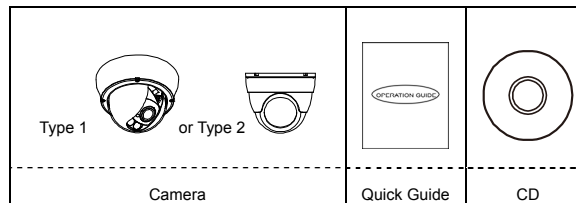
Please read instructions thoroughly before operation and retain it for future reference. Online manual download:

www.surveillance-download.com/user/m521.swf

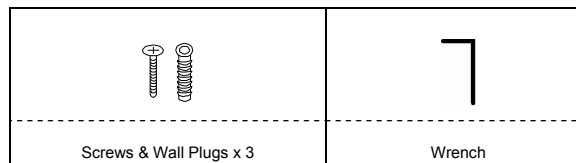
Package Content

Before starting to set up your camera, please make sure items below in your box:

▼ Standard package:

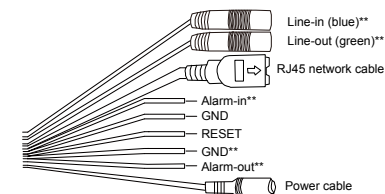


▼ Optional accessories (For Type 1 only):



Cable Overview

Below is an overview of various cables that can be used with the camera. Besides, it is followed by a table, which offers simple descriptions of cable connection.



Cable	Description
Power cable	DC12V power supply.
RJ45 network cable*	Connect it to a RJ45 cable.
GND	Ground wire
Alarm-in**	Reserved for external alarm device connection
Alarm-out**	Reserved for external alarm device connection
RESET	Remove the insulating coating of wire, and twist it with a ground wire together to reset default camera
Line-in*	Colored as blue, used to connect to a microphone for audio input.
Line-out*	Colored as green, used to connect to a speaker for audio output.

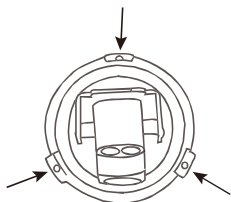
* For PoE (IEEE802.3af) installation, make sure your network cable has the maximum cable resistance of 20Ω, such as CAT.5e or CAT.6 cables, to conform to the standard of IEEE802.3af.

** For Type 1 only

Installation

Type 1

- Step 1: Uncover the dome camera by loosening the screws on the housing with the supplied wrench.
 Step 2: Locate the three holes as illustrated in the right picture. They are where the three supplied screws belong.



- Step 3: Mark the locations of the three screw holes on the ceiling or the wall, and drill a hole for each on the ceiling or the wall.
 Step 4: Screw the camera in place.
 Step 5: Power up your camera.
 Step 6: Check the viewing angle on the PC.
 Step 7: Adjust the position and the viewing angle of the camera, if necessary.
 Step 8: Replace the dome cover and have the three screws on it tightened.

Note: For clear images, please clear of fingerprints the inner part of the dome cover against the lens.

Type 2

- Step1: Remove the camera base as shown in **Figure 1**, and disassemble the camera to four parts as shown in **Figure 2**.

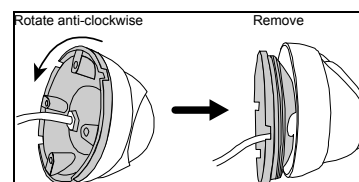


Figure 1

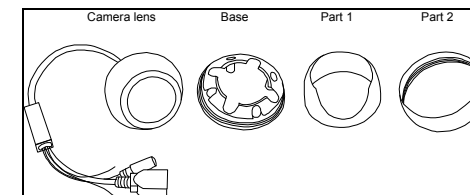


Figure 2

- Step2: Locate where you want to install this camera (wall or ceiling), and drill holes on the wall or ceiling for securing the bracket and routing the cables (if necessary).
 Step3: Attach the bracket to the wall (or ceiling), and make sure the cables are routed and arranged properly in the bracket, as shown in **Figure 3**.
 Step4: Secure the bracket to the wall (or ceiling), as shown in **Figure 4**.

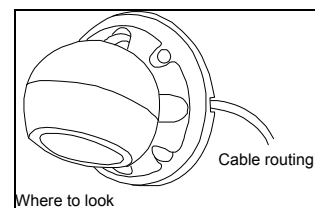


Figure 3

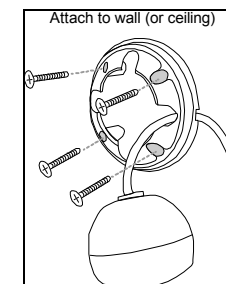


Figure 4

Installation (Continued)

Type 2

Step5: Slightly adjust the camera lens to where it's supposed to face, and replace Part 1 and Part 2 back, as shown in **Figure 5** and **Figure 6**.

Step6: Hold the camera lens and Part 1, and rotate only Part 2 clockwise, as shown in **Figure 6**.

Figure 5

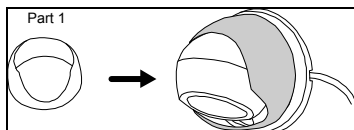
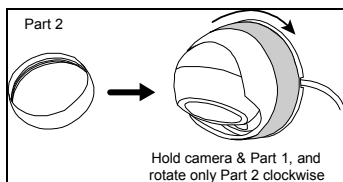


Figure 6



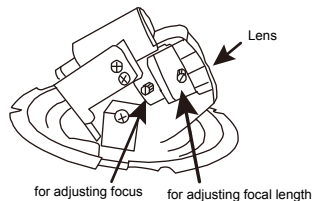
Hold camera & Part 1, and rotate only Part 2 clockwise

Step7: Power on your camera, and check the viewing angle on the PC.

Step8: Adjust the position and the viewing angle of the camera, if necessary.

Focus Adjustment (For Type 1 only)

If you need to adjust the focus, the picture below shows you how:



for adjusting focus for adjusting focal length

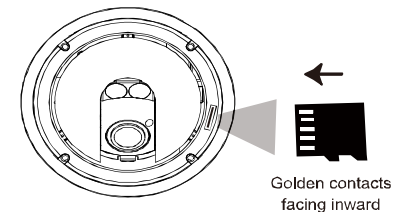
Note: Remove the cover to focus the camera.

Insert MicroSD Card (For Type 1 only)

The data originally saved in the micro SD card (if any) will be removed after inserting it to the camera.

The camera doesn't support hot-swapping. Please insert or remove the micro SD card with power disconnected.

Please follow the directions in the below graphic to insert Micro SD card properly:



Golden contacts facing inward

Note: It's recommended to use a pair of tweezers for inserting / removing Micro SD card.

Camera Configuration

For advanced configuration of your camera, please be sure you have connected your camera to NVR as shown in "HD System Connection".

Note: It's recommended to connect the camera to the same brand's NVR to get the best performance. To use the camera individually, please refer to the camera's operation guide supplied in the CD to know how to configure this camera solely.

Step1: Connect PC to the HUB connected to your camera(s) with RJ45 network cable.

Step2: Search available devices with "IPScan.exe"; to download "IPScan.exe", please browse the supplied CD, or visit www.surveillance-download.com/user/IPscan.zip

Step3: After searching, set your PC in the same network segment as the specific camera you want to access, such as "192.168.30.xxx" (xxx could be 0~255) in our example

IP	Port	Type	Mac	
192.168.30.1	88	IP CAMERA (FIX)	00:19:94:25:78:4F	<input type="button" value="Configure"/> <input type="button" value="Upgrade"/> <input type="button" value="Scan"/> <input type="button" value="Exit"/>
192.168.30.1	88	IP CAMERA (FIX)	00:18:94:25:77:4F	
192.168.30.4	88	IP CAMERA (FIX)	00:17:94:25:76:4F	
192.168.30.5	88	IP CAMERA (FIX)	00:16:94:25:75:4F	
192.168.30.6	88	IP CAMERA (FIX)	00:15:94:25:74:4F	

Step4: Note down the IP address and port number of the camera you want to access, such as "192.168.30.1" and "88" in our example.

Step5: Open Internet Explorer on the PC, and enter the IP address and port number in the URL column to access the camera. The format is `http://ipaddress:portnum`, such as `http://192.168.30.1:88` in our example.

クイック・ガイド

製品の詳細については、


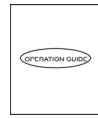
www.surveillance-download.com/user/m521.swf

を参照してください。





■ パッケージの内容

カメラのセットアップを開始する前に、箱の中に以下の品目があることを確認してください：

▼ 標準パッケージ：

	
カメラ	クイックガイド

▼ オプション装備：

			
ネジ、ウォールプラグ、ゴムリング (×3)	レンズ	乾燥剤 (×2)	金属リング (×3)

■ 設置

ステップ 1: 付属のレンチでハウジングの 3 本のネジを緩めて、ドームカメラのカバーを外します。

注意： 3 本のネジは、ハウジングから取り外すように設計されてはいません。

ステップ 2: ご希望の設置場所に、付属の設置ステッカーを貼り付けてください。

ステップ 3: ベース上で、3 つの最も深い穴を確認します。(図 1 を参照) それらには、付属の 3 本のネジが対応します。

ステッカー上に、3 本のネジとケーブルを通す穴を開けます。ケーブルが表面を通過しない場合には、事前にそれらのために穴を開ける必要はありません。次に、カメラをステッカーの位置に合わせ、3 本のネジと、必要に応じてケーブルを穴に通します。その後、ネジを締めます。

注意： ネジをゴムリングと金属リング(オプション)の両方を通して、穴に入れます。(図 2 を参照) 安全のために、カメラの重量を考慮し、設置時に補助を受けることをお勧めします。

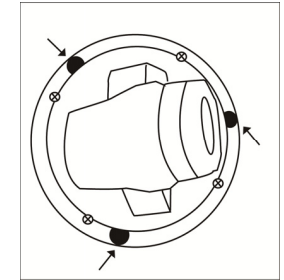


図 1

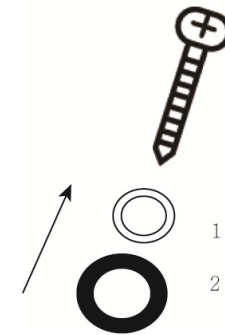
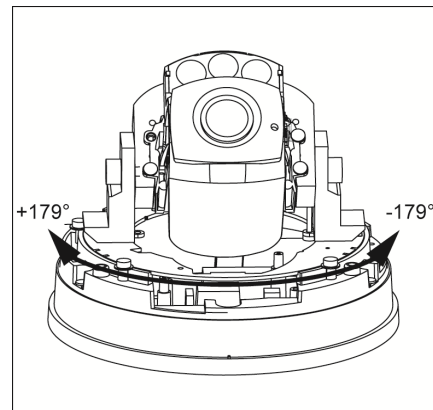


図 2

■ 設置(続き)

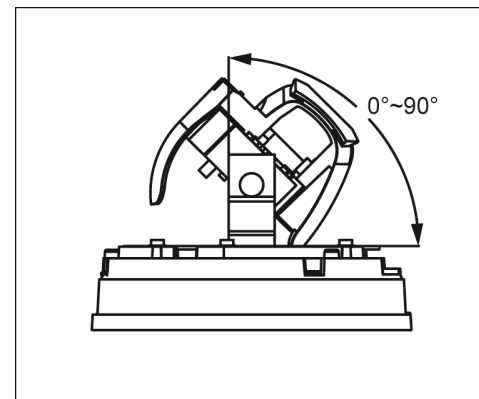
ステップ 4: レンズは 3 通りの方法で調整できます。

a. プレート上の 4 つのネジを緩め、カメラを回転し、パンすることができます。



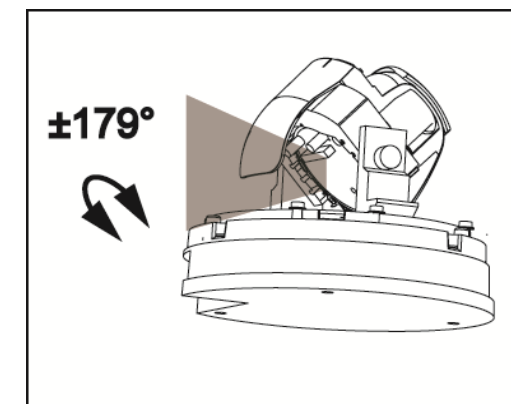
パン

b. レンズの両側の 2 本のネジを緩めた後、レンズを傾けます。



傾ける

c. 保護ケース上の 2 本のネジを緩めて、保護ケースを取り外し、後ろからレンズを回転させます。



回転

(戻って続行)

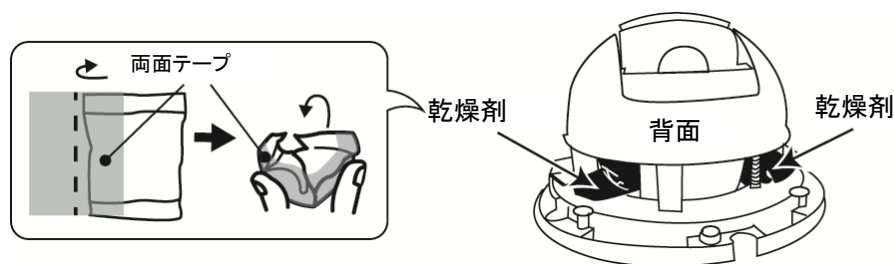
■ 設置(続き)

ステップ 5:元の乾燥剤を必ず新しいものと交換してください。付属の両面テープを使って、以下に示すように、乾燥剤を所定の位置に貼り付けてください。ハウジングを閉じやすいように、それらが十分内側にあるようにしてください。新しい乾燥剤を 30 秒以上、空気にさらさないようにしてください。

注意: 過度の湿気を除去し、カメラがうまく動作することを保証するために、2つの新しい乾燥剤をカメラに入れる必要があります。

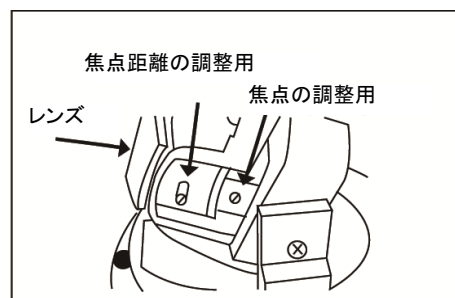
ステップ 6:その後、レンズの指紋を拭き取り、ハウジングを取り付けてから、ネジを締めます。

ステップ 7:カメラに電源を投入します。



■ カメラのフォーカスの調整

フォーカスを調整する必要がある場合には、下の図を参照してください。

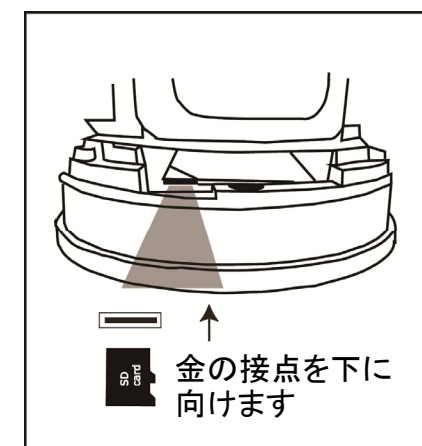


■ マイクロ SD カードの挿入

元々マイクロ SD カードに保存していたデータがある場合には、カードを挿入すると、それらのデータは消去されます。

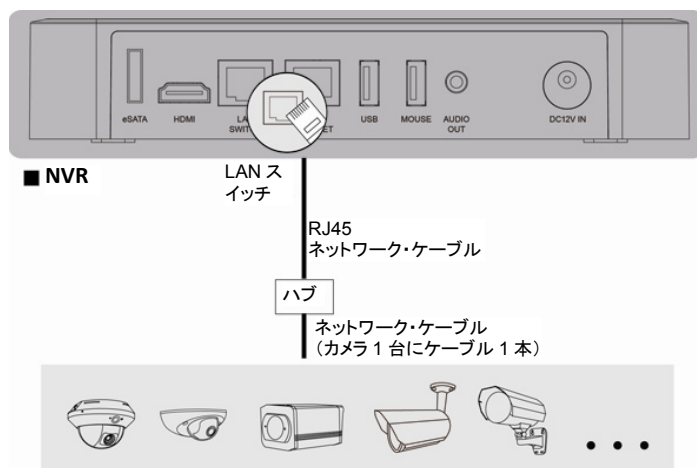
カメラはホット・スワップに対応していません。電源を切った状態で、マイクロ SD カードを抜き差ししてください。

マイクロ SD カードを適切に挿入するために、下図の指示に従ってください。



■ カメラの設定

お使いのカメラの拡張設定のためには、カメラを以下に示すように NVR に接続していることを確認してください。



ステップ 1:RJ45 ネットワーク・ケーブルを使い、お使いのカメラを接続したハブに PC を接続します。

ステップ 2:「IPScan.exe」を使って利用可能なデバイスを検索します。「IPScan.exe」をダウンロードするには、www.surveillance-download.com/user/IPscan.zip を参照して下さい

ステップ 3:検索の後に、アクセスするカメラと同じネットワーク・セグメントにお使いの PC を設定します(例:192.168.30.xxx [xxx は 0 ~255])。

IP	Port	Type	Mac	
192.168.30.1	88	IP CAMERA (FIX)	00:19:94:25:78:4f	Configure
192.168.30.2	88	IP CAMERA (FIX)	00:18:94:25:77:4f	
192.168.30.3	88	IP CAMERA (FIX)	00:17:94:25:76:4f	Upgrade
192.168.30.4	88	IP CAMERA (FIX)	00:16:94:25:75:4f	
192.168.30.5	88	IP CAMERA (FIX)	00:15:94:25:74:4f	Scan
192.168.30.6	88	IP CAMERA (FIX)	00:14:94:25:73:4f	

ステップ 4:アクセスするカメラの IP アドレスならびにポート番号をメモします(例:「192.168.30.1」、「88」)。

ステップ 5:PC 上で Internet Explorer を開き、URL カラムに IP アドレスのポート番号を入力して、カメラにアクセスします。フォーマットは、http://IP アドレス:ポート番号です(例: <http://192.168.30.1:88>)。