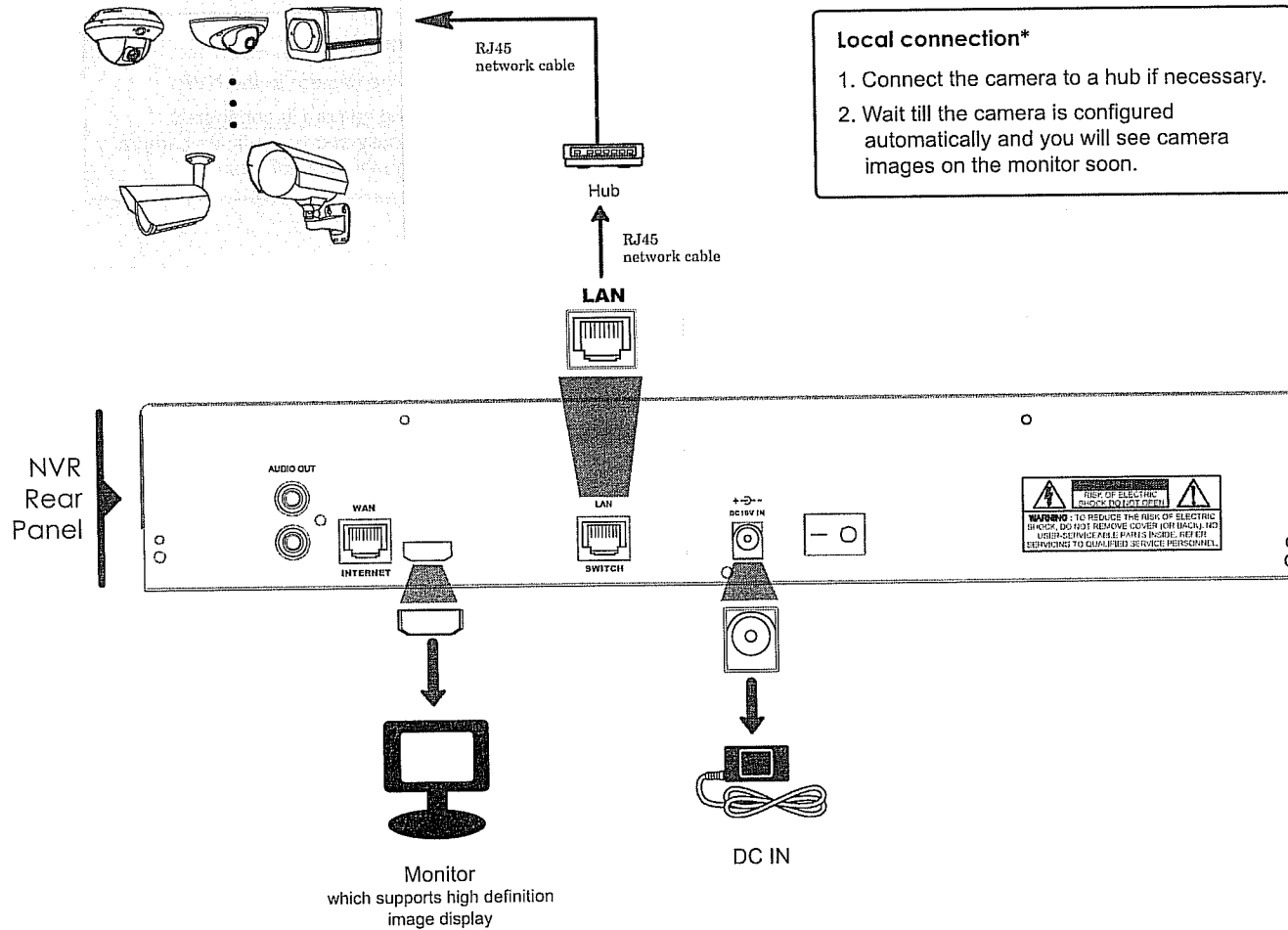


HD System Connection - 1

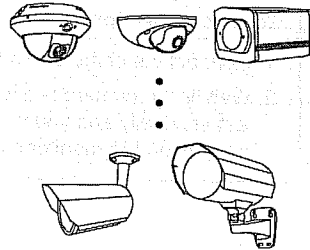
Connect IP cameras
(as many as the NVR supports):



* Local connection only allows monitoring locally. To monitor from anywhere other than the NVR is installed, please connect your NVR to Internet.

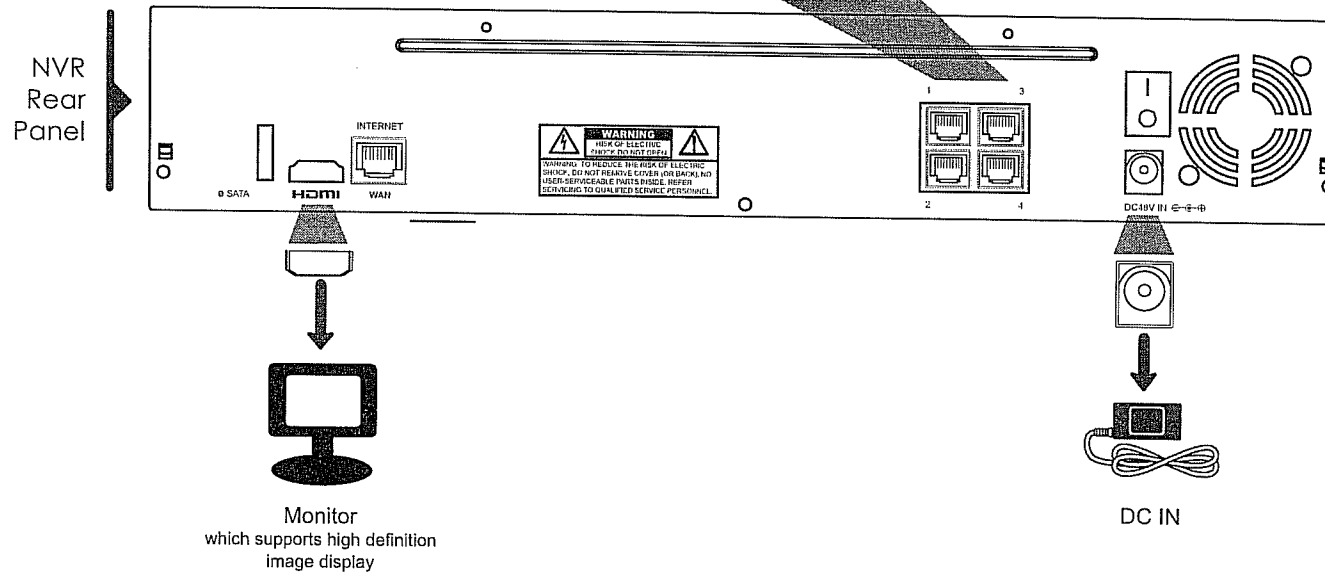
HD System Connection - 2

Connect IP cameras
(as many as the NVR supports):




Local connection*

1. Connect the camera to the NVR.
2. Wait till the camera is configured automatically and you will see camera images on the monitor soon.




* Local connection only allows monitoring locally. To monitor from anywhere other than the NVR is installed, please connect your NVR to Internet.




QUICK GUIDE

■ PACKAGE CONTENT


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



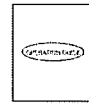
or



or






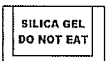


Camera



Quick guide

For selected models only:

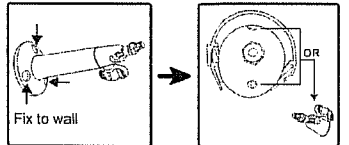







Screws Wall Plugs Wrenches Installation Sticker Bracket Desiccant

■ INSTALLATION (Type 1)

Step1: Fix the bracket to where you want to install the camera with the supplied three screws.

Step2: Remove the Joint Lock from the bracket. Then, connect the Joint Lock to the backside of the camera.



Step3: Connect the camera with the Joint Lock connected to the bracket. After that, secure the Joint Lock to fix. Next, fix the shield on the camera by turning the supplied small screw into either hole on the camera.

Step4: Connect the camera to power.

Please read instructions thoroughly before operation and retain it for future reference. Online manual download: www.surveillance-download.com/user/m359a.swf

■ INSTALLATION (Type 2)

Step1: Paste the installation sticker on where you want to install the camera. Then, drill 4 screw holes as indicated on the sticker, and fasten two screws to the top as shown in the picture.

Note: Leave some space between the screws and wall to hook the bracket later.

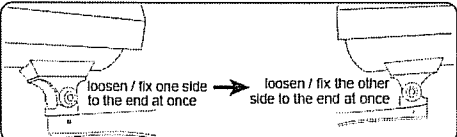
Step2: Hang the camera at the screws you just fixed, and make sure the camera stays in place. Decide the cable direction (up / down) before you fasten the screws tight to the wall.

Step3: Fasten all screws to secure the bracket to the wall.

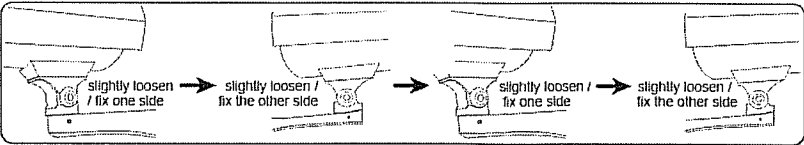
Step4: Adjust the vertical and horizontal angles of the camera with the supplied wrenches for a better viewing.

Note: To adjust the angle, for example the vertical angle, **DO NOT** loosen / fix one side of the screw to the end at once. Please do adjustment by taking turns on both sides till the angle is fixed. Otherwise, the angle of the camera might not be fixed.

X

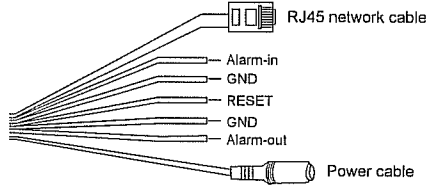


O



■ 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.



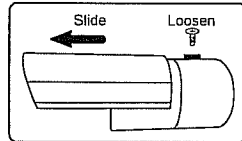
Cable	Description
Power cable	DC12V power supply.
RJ45 network cable*	Connect it to a RJ45 cable.
GND	Ground wire
Alarm-in	Reserved for external alarm device connection
Alarm-out	Reserved for external alarm device connection
RESET	Remove the insulating coating of wire, and twist it with a ground wire together to reset default camera

* 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.

ADJUST FOCAL LENGTH & FOCUS (Selected Model Only)

Note: The appropriate temperature for focus adjustment is 0°C ~ 40°C, and prevent adjusting in moisture environment.

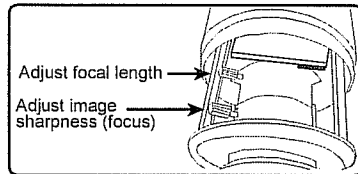
Step1: Loosen the screw, take the shield off your camera, and rotate the front cover to remove it



Step2: Remove two bags of desiccants placed in the camera.

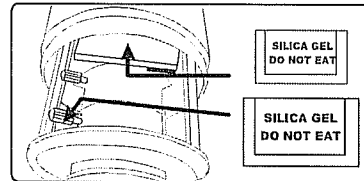
Note: Remember where these bags were placed. New desiccants will be placed into the camera later in Step4.

Step3: Find two handles on the camera to adjust focal length and focus. Move the handle near to the main board first to find the best surveillance area, and move the hand near to the lens to adjust the sharpness of the image.



Step4: Open the new bag(s) of desiccants supplied in the package to replace the old one(s) within 30 seconds, or the desiccants might absorb too much moisture in the air.

Tip: To know if the desiccants are ok, find the desiccant colored in the bag against light. If the color of the desiccant is yellow, this bag is ok and ready to use. If the color of the desiccant is dark green or even red, please replace this bag with a new one.



Step5: Place the front cover back and fasten it tightly.

Step6: Slide to mount the shield on the camera before tightening the screw.

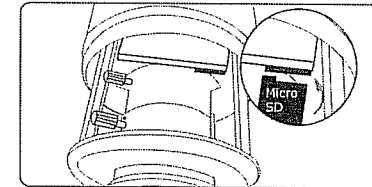
Insert Micro SD Card

Only selected models are equipped with a micro SD card slot for local video recording.

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:



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 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

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.

