

NTCT-3M-IRPTZ20 HYBRID PTZ CAMERA

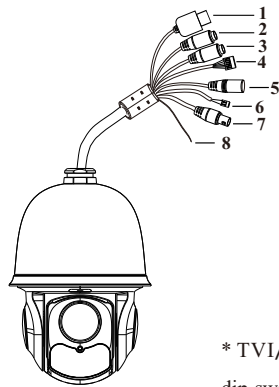
Quick Start Guide

■ Please read this instruction carefully for correct use of the product and preserve it for reference purposes.

■ All the examples and pictures used here are for reference only.

■ There may be several technically incorrect places or printing errors in this manual. The updates will be added into the new version of this manual. The contents of this manual are subject to change without notice.

1. Interfaces and Parts



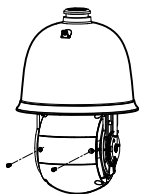
- ① LAN
- ② HP Audio Out
- ③ MIC In
- ④ Alarm In/Alarm Out
- ⑤ Power
- ⑥ RS485
- ⑦ Video (TVI/AHD) Output
- ⑧ Grounding

* TVI/AHD output can be controlled by dip switch.

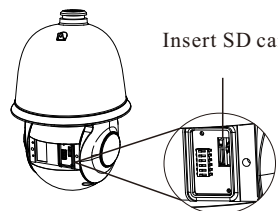
2. Installation

Please make sure the wall is strong enough to bear the dome camera's weight. Please make sure the camera is powered off during installation.

◆ Install SD Card



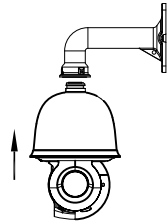
① Loosen the two screws of the cover of the dome.



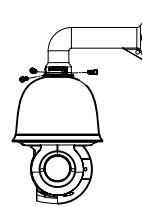
② Open the cover and insert SD card.

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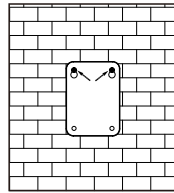
◆ Install the Speed Dome



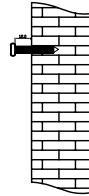
① Pull the cables through the bracket. Mount the speed dome to the bracket.



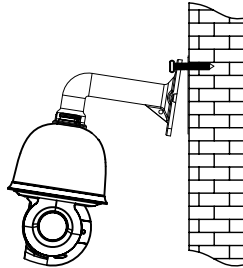
② Secure the speed dome to the bracket with the screws.



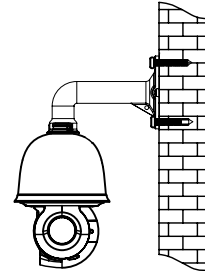
③ Drill the screw holes on the wall according to the drill template. Then insert the plastic plugs into the holes.



④ Drive the two screws to the holes indicated by the arrows (left) and leave 12mm clearance.

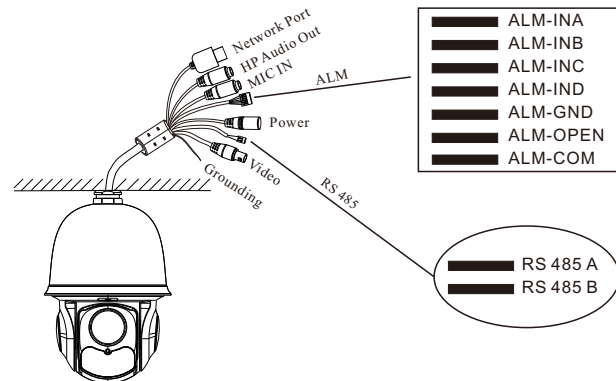


⑤ Connect the cables and then hang the bracket on the wall.



⑥ Fix the bracket to the wall with four screws.

3. Connections



- ALM-INA
- ALM-INB
- ALM-INC
- ALM-IND
- ALM-GND
- ALM-OPEN
- ALM-COM

- RS 485 A
- RS 485 B

Alarm Connection:

1. Alarm Input

a) There is four independent alarm input port ALM-INx (x=A~D) and one grounding port (ALM-GND).

b) Alarm input(NO type): Connect DC5V~DC12V voltage between the alarm input port ALM-INx and the grounding port (ALM-GND).

c) Alarm input(NC type): Disconnect the voltage between the alarm input port ALM-INx and the grounding port (ALM-GND).

2. Alarm Output

a) Support 1CH alarm output including OPEN, COM connections.

b) Alarm output: One passive switch for user to connect alarm devices; the alarm output state will be auto on/off according to your setting.

4. IE Network Connections

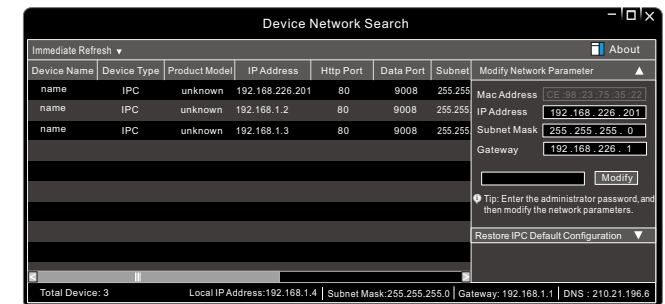
In LAN, there are two ways to access the camera.

a) Access through Xcel IP Utility; b. Directly access through IE Browser

● Access Through Xcel IP Utility

① Make sure that the camera and the PC are well connected to the LAN.

② Find the Xcel IP Utility from the CD and then install it in the PC. After that, run the Xcel IP Utility as shown below.

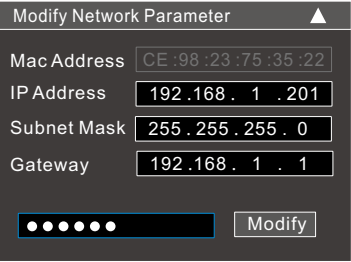


③ Modify the IP address. The default IP address of this camera is 192.168.226.201. Click the information of the camera listed in the above table to show the network information on the right hand. Modify the IP address and gateway of the camera and make sure its network address is in the same local network segment as that of the

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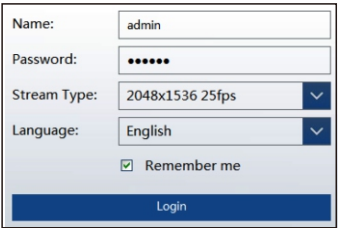
computer’s. Please modify the IP address of your device according to the practical situation.



For example, the IP address of your computer is 192.168.1.4. So the IP address of the camera shall be changed to 192.168.1.X. After modification, please input the password of the administrator and click “Modify” button to modify the setting.

⚠ The default password of the administrator is “123456”.

④ Double-click the IP address and then the system will pop up the IE browser to connect IP-CAM. IE browser will automatically download the Active X control. After downloading, a login window will pop up as shown below:



Input the user name and password to login.

⚠ The default username is *admin*; the default password is *123456*.

● **Directly Access Through IE**

The default network settings are as shown below:

IP address: 192.168.226.201 HTTP:80

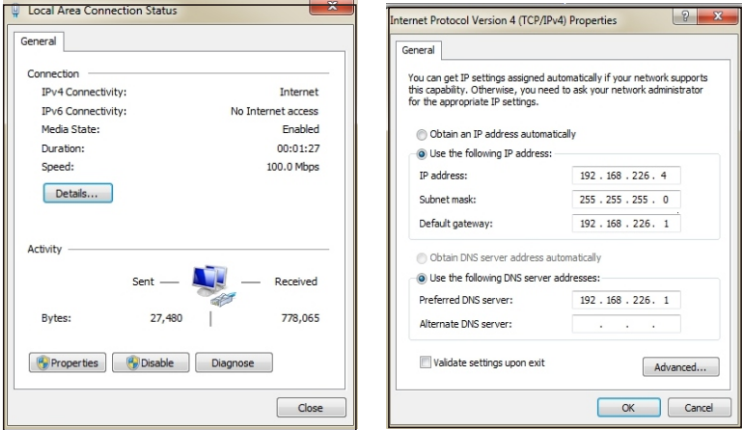
Subnet Mask: 255.255.255.0 Data Port:9008

Gateway: 192.168.226.1

You may use the above default settings when you log in the camera for the first time.

① Set the IP address of the PC and the network segment should be as the same as the default settings of IP-CAM.

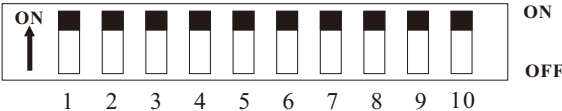
Open the network and share center. Click “Local Area Connection” to pop up the following window. Select “Properties” and then select Internet protocol according to the actual situation (for example: Ipv4). Next, click “Properties” button to set the network of the PC.



- ② Open the IE Browser and input the default address of IP-CAM and confirm. The IE browser will download Active X control automatically.
- ③ After that, the login dialog box will pop up.
- ④ Input the default username and password and then enter to view.

5. Dip Switch Setup

After opening the cover of the dome, you will see the dip switch.



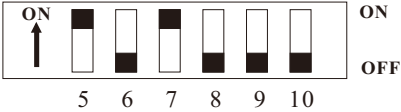
If you want to output AHD video signal, the button 1 should be set to “ON” status; if you want to output TVI video signal, the button 1 should be set to “OFF” status. The button 2 is used to set communication protocol. When the button 2 is set to “ON”, it is PELCO-P; when the button 2 is set to “OFF”, it is PELCO-D. The button 3 and 4 are used to set baud rate.

3	4	Baud Rate
OFF	OFF	1200
ON	OFF	2400
OFF	ON	4800
ON	ON	9600

The button from 5 to 10 are used to set dome address. The button from 5 to 10 are equivalent to bit0~bit5 respectively. "ON" status of each button means 1, while “OFF” means 0. The ID address adopts binary system decoding: 2^{n-1} , which “n” stands for the button number. For example: the button 5 is set to “ON” status, while others are set to “OFF” status, the address is $2^{1-1}=1$; the button 6 is set to “ON” status, while others are set to “OFF” status, the address is $2^{2-1}=2$, and so on. Please refer to the below chart.

Button	5	6	7	8	9	10
Dome ID	1	2	4	8	16	32

- For example: If you want to set dome address as “5”, ($5=1+4$) it means the button 5 and 7 should be set to “ON” status and others should be set to “OFF” status.



Preset Description

Call Preset	Call No. 90 Preset	Run track 1
	Call No. 91 Preset	Run cruise 1
	Call No. 92 Preset	Run cruise 2
	Call No. 93 Preset	Run cruise 3
	Call No. 94 Preset	Run cruise 4
	Call No. 95 Preset	OSD menu
	Call No. 97 Preset	Enable random scan
Set Preset	Call No. 99 Preset	Enable P-PSCAN
	Set No. 91 Preset	Set random scan; Task auto call the beginning point
	Set No. 92 Preset	Set left border of P-PSCAN
	Set No. 93 Preset	Set right border of P-PSCAN
	Set No. 94 Preset three times	Set the boundary value of the near and middle infrared light
	Set No. 95 Preset three times	Set the boundary value of the middle and far infrared light