



VTD-TND30R3V
3.0 Megapixel Indoor/Outdoor
WDR IP IR Dome Camera

QUICK START GUIDE



FEATURES








- 1/3" 3.0 Megapixel Progressive Scan CMOS image sensor
- Up to 30fps live view @ 1920x1080 (2MP) / 15fps live view @ 2048x1536 (3MP)
- 2.8~12mm Varifocal Lens
- 30 Infrared LED's with 100' IR Range
- Wide Dynamic Range (WDR)
- True Mechanical Day/Night function by ICR
- 3D-DNR Noise Reduction
- On Board Motion Detection
- H.264/MJPEG Dual Streaming
- Onvif Compliance
- Remote Viewing via CMS, Web Browser, and iOS & Android Apps
- Minimal Latency with up to 10 simultaneous user connections
- IP66 Weather Resistance
- 12VDC & PoE (Power over Ethernet) Operation



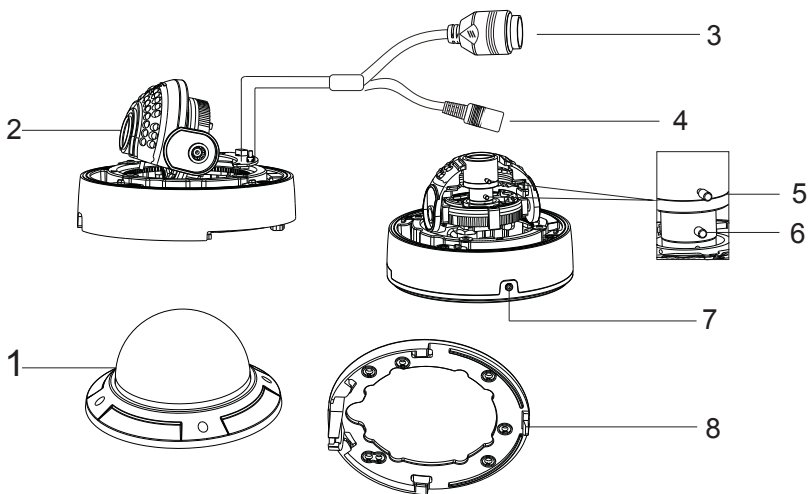
*Refer to included CD for complete detailed User's Manual.

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Components and Accessories

Camera		Drill Template	
Quick Guide		Product Manual CD	
Screws		Waterproof Cap	
Hex Wrench			

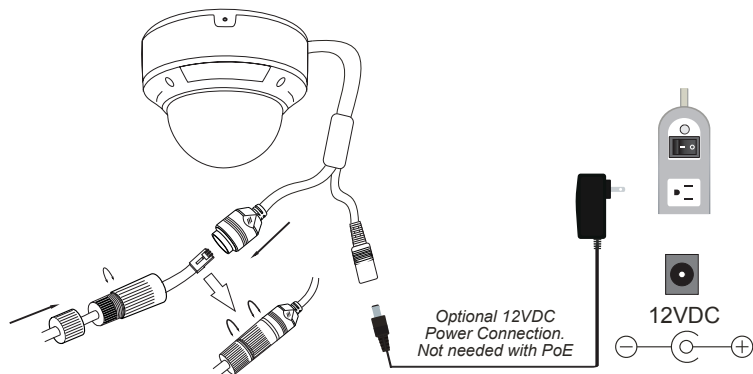
Overview



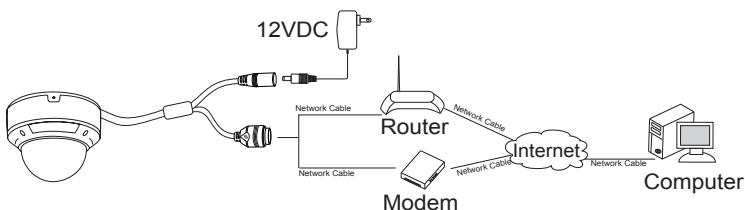
1	Lower Dome	5	Focus
2	Lens	6	Zoom
3	RJ-45 Ethernet	7	Lock Screw
4	Power Cable	8	Mounting Base

Network Cable & Power Connections

First connect the Waterproof Cap to an Ethernet patch cable, then connect the camera's ethernet adaptor. If not powering the camera with PoE, also connect the power Cable to an approved 12VDC Power Supply.



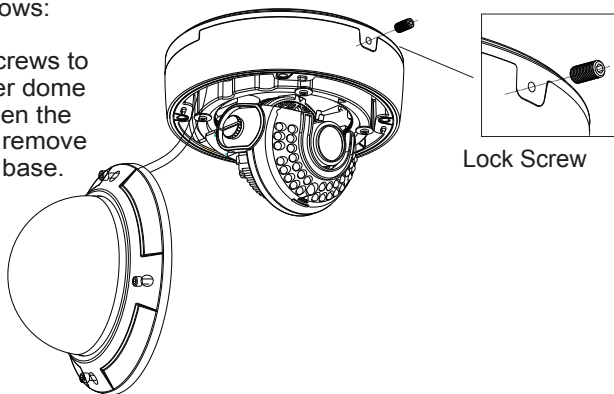
Cable / Network Configuration



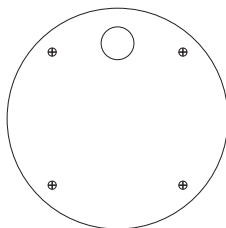
Installation

Before starting, please make sure that the wall or ceiling is strong enough to withstand 3 times the weight of the camera. The mounting steps are as follows:

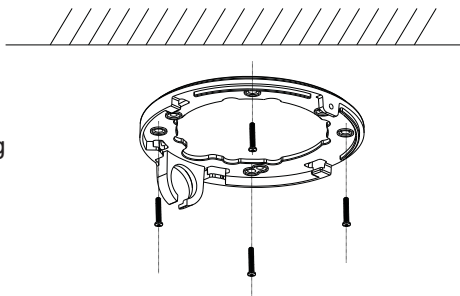
1. Loosen the screws to open the lower dome and then loosen the lock screw to remove the mounting base.



2. Attach the drill template to the place where you want to install the camera, then drill 4 screw holes and 1 cable hole (if you want to route the cables through the mounting base) according to the drill template.

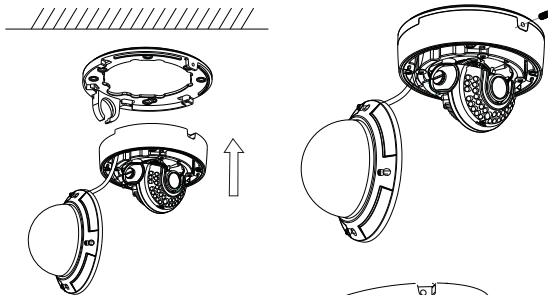


3. Route the cables and connect the power & video cables, then secure the mounting base to the ceiling or wall with screws.

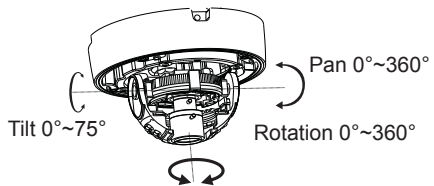


Installation

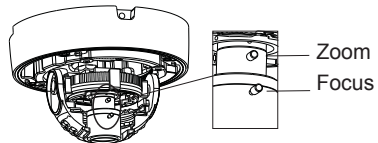
4. Install the camera to the mounting base with the lock screw.



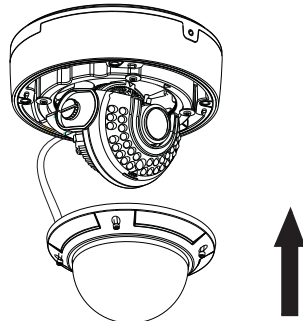
5. Adjust the Three-axis camer bracket to obtain the optimum viewing angle.



6. Adjust the Focus and Zoom screw to achieve a clear image.



7. Install the dome bubble on the camera with the screws, then carefully remove the protective film to complete the installation.



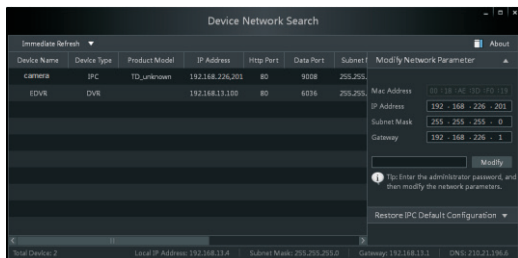
LAN Configuration

The camera can be accessed on the local network either using the IP-Tool or directly in a web browser.

1. Attach the drill template to the place where you want to install the camera, then drill 3 screw holes and 1 cable hole (if you want to route the cables through the mounting base) according to the drill template

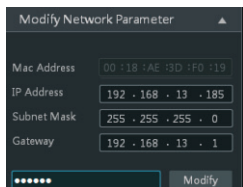
Accessing the Camera Using the IP-Tool

1. Make sure the camera and PC are connected to the LAN.
2. Locate the IP-Tool installer on the included Product Documentation CD, then install on the PC. Open the installed application.



3. Modify the IP address. The default IP address is 192.168.226.201. Click the information of the camera listed in the above table to show the network information on the right side. Modify the IP address and gateway of the camera and make sure its network address is in the same local network segment as the computer's. Please modify the IP address of your device according to the practical situation.

For example, the IP address of your computer is 192.168.13.4. So the IP address of the camera shall be changed to 192.168.13.X. After modification, please input the password of the administrator and click "Modify" button to modify the setting.



** Default admin password: "123456".

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



Input the user name and password to log in.
Default user name: admin / Default password: 123456.

Directly Access Through a Web Browser

The default network settings are as shown below:

IP address: 192.168.226.201 HTTP: 80

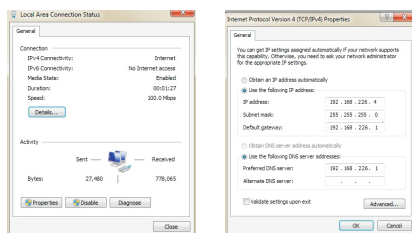
Subnet Mask: 255.255.255.0 Data Port: 9008

Gateway: 192.168.226.1

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

1. Manually 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.



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

WAN Configuration

Access the camera by the router or virtual server for example.

- Make sure the camera is connected to the LAN; Then log into the camera via LAN and go to System Config→Network Config→Port menu to set up the port number.
- Enter System Config→Network Config→IP Address menu to modify the IP address.

Network basic config	
HTTP Port	80
Data Port	9008
RTSP Port	554

IP Config	
<input type="radio"/> Obtain an IP address automatically	
<input checked="" type="radio"/> Use the following IP address:	
IP Address	192.168.6.6
Subnet Mask	255.255.255.0
Gateway	192.168.6.1
<input type="radio"/> Obtain DNS server address automatically	
<input checked="" type="radio"/> Use the following DNS server:	
Preferred DNS server:	192.168.6.1
Alternate DNS server:	8.8.8.8

- Go to the router's management interface through IE browser to forward the IP address and port of IP-CAM in the "Virtual Server".

Port Range					
Application	Start	End	Protocol	IP Address	Enabl
1	9008	to 9008	Both	192.168.6.6	<input checked="" type="checkbox"/>
2	80	to 81	Both	192.168.6.6	<input checked="" type="checkbox"/>
3	10000	to 10001	Both	192.168.6.166	<input type="checkbox"/>
4	21000	to 21001	Both	192.168.6.156	<input type="checkbox"/>
5	7777	to 7778	Both	192.168.6.206	<input type="checkbox"/>
6	1029	to 1030	Both	192.168.6.207	<input type="checkbox"/>

- Open the web browser and input its WAN IP and HTTP port to access the IP-CAM.