

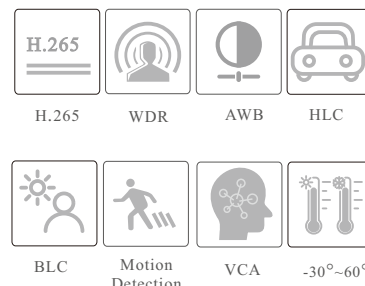
CAMERA

TD-9557S4-C

5MP IR Wi-Fi Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 5MP (2880 × 1620)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- 10~20m IR view distance
- DC12V power supply
- Support three streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Support P2P function
- Support Wi-Fi
- Support SMD
- Intelligent analytics



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For more information, please visit our website

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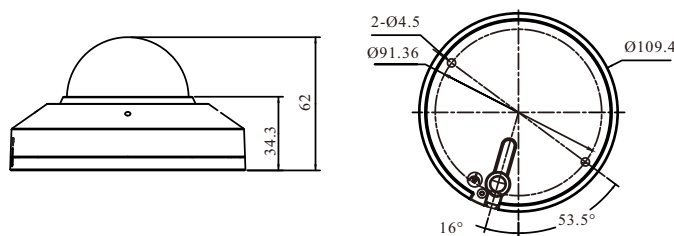
E-mail: overseas@tvt.net.cn

SPECIFICATIONS

Model	TD-9557S4-C			
Specifications				
Camera				
Image Sensor	1 / 2.7 "CMOS			
Image Size	2880×1620			
Electronic Shutter	1 / 3s ~ 1 / 100000s			
Iris Type	Fixed Iris			
Min. Illumination	0.007 lux @F1.6, AGC ON; 0 lux with IR			
Lens	2.8mm@F1.6, Horizontal FoV:110°; Vertical FoV:61°; Diagonal FoV:131° 3.6mm@F1.6, Horizontal FoV:89°; Vertical FoV:48°; Diagonal FoV:103°			
Focus	Fixed			
Lens Mount	M12			
Day&Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Digital NR	Yes			
S/N Ratio	≥50dB			
Angle Adjustment	Pan: 0°~360°; Tilt:0°~70°;Rotation: 0°~350°			
Image				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.265 Compression Standard	Main Profile@Leve4.1 High Tier			
Resolution	5MP(2880×1620), 4MP(2688×1520),2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), 640×360, 480×240, CIF			
Main Stream	5MP(1~20fps)/4MP/2K/3MP/1080P(60Hz:1~30fps; 50Hz:1~25fps)			
Sub Stream	720P/D1/VGA/640×360/CIF (60Hz:1~30fps; 50Hz:1~25fps)			
Third Stream	D1/VGA/640×360/480×240/CIF (60Hz:1~30fps; 50Hz:1~25fps)			
Bit Rate	64 Kbps ~ 8 Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A/U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Functions				
Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP			
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, QoS			
Interface Protocol	ONVIF Profile S/G/M/T			
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API service			
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection			
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/missing object detection			
General Function	Watermark, video mask, heartbeat, corridor pattern, ANR, cloud upgrade, disarming, dual system backup, Wi-Fi configuration by scanning QR code			
PoE	No			
IR View Distance	10 ~ 20 m			
Water-proof Grade	No			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	55m(180ft)	22m(72ft)	11m(39ft)	5.5m(18ft)
3.6mm	73m(239ft)	29m(95ft)	14.5m(48ft)	7m(24ft)
Interfaces				
Network	RJ 45 10M/100M self-adaptive Ethernet port			

Indicator	Yes
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
Wi-Fi	
Wireless Standards	IEEE802.11a/b/g/n, IEEE802.11ac, IEEE802.11ax,
Frequency Range	2.4GHz & 5GHz
Channel Bandwidth	20MHz
Security	WEP, WPA-PSK/WPA2-PSK, WPA3
Wireless Range	120m (no obstacles)
Transfer Rates	11b: 11Mbps; 11g:54Mbps; 11n: up to 150Mbps
Others	
Power Supply	DC12V
Power Consumption	< 4.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Ø109.4 × 62
Weight (net)	Approx. 0.27KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

DIMENSIONS

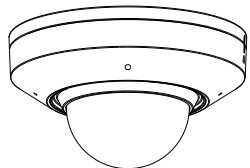


AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9557S4-C(D/WF/AR1)
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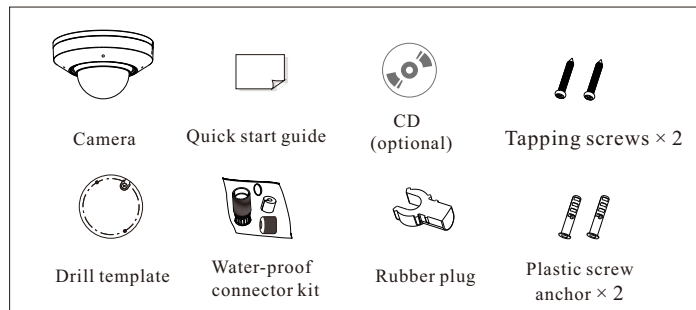
Network Camera Quick Start Guide

- Please read this instruction carefully before operating the unit and keep it for further reference.
- All the examples and pictures used here are for reference only.
- The contents of this manual are subject to change without notice.

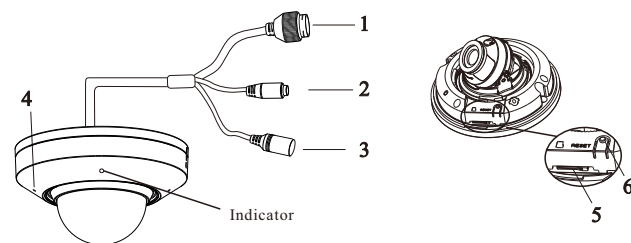
1 Warning and Caution

- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the camera yourself. (We shall not be responsible for any problems caused by unauthorized repair or maintenance.)
- Do not allow water or liquid intrusion into the camera.
- In the use of the product, you must be strict compliance with the electrical safety regulations of the nation and region. When the product is mounted on wall or ceiling, the device shall be firmly fixed.
- Do not use camera beyond specified voltage range.
- Do not drop the camera or subject it to physical shock.
- Do not directly touch the camera when installing.
- The product must be grounded to reduce the risk of electric shock.
- You must wear anti-static gloves or discharge static electricity before removing the lower dome (bubble).
- Avoid touching the camera lens.
- If cleaning is necessary, please use clean cloth to wipe it gently.
- Avoid aiming the camera directly towards the sun or other bright objects.
- Do not place the camera in extremely hot, cold (the operating temperature shall be $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$), dusty or damp locations, and do not expose it to high electromagnetic radiation.
- To avoid heat accumulation, good ventilation is required for operating environment.

2 Package

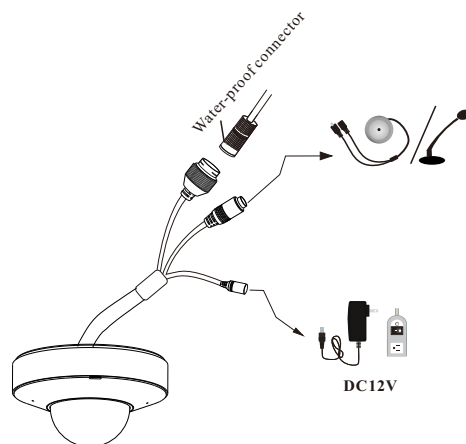


3 Overview



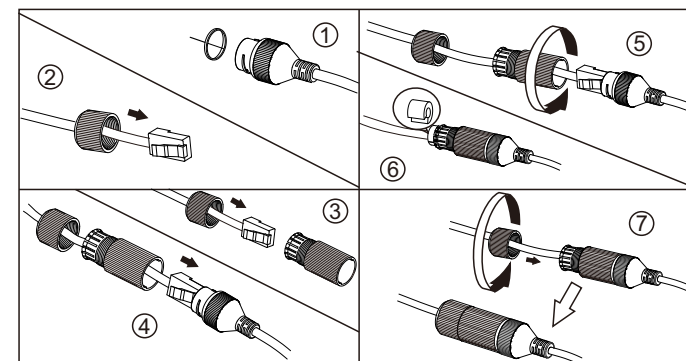
- Indicator
 - Solid red light: starting
 - Flashing red light: network disconnected
 - Flashing green light: upgrading
 - Flashing blue light: alarm triggered
 - Solid blue light: Wi-Fi setting mode
 - Solid green light: work normally

- 1 Ethernet connector*
- 2 Audio input connector
- 3 Power connector
- 4 Microphone
- 5 Micro SD Card Slot
- 6 Reset*



- * 1 It is recommended to install the water-proof connector for outdoor installation.
- * 2 Press and hold the reset button for more than 10 seconds to restore to the factory default setting.

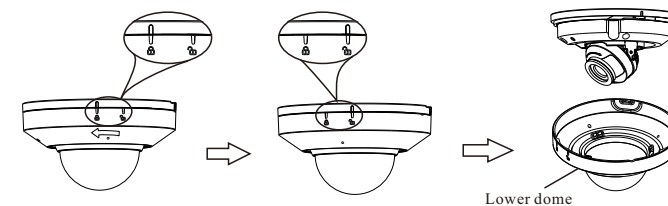
► Connecting Network Cable



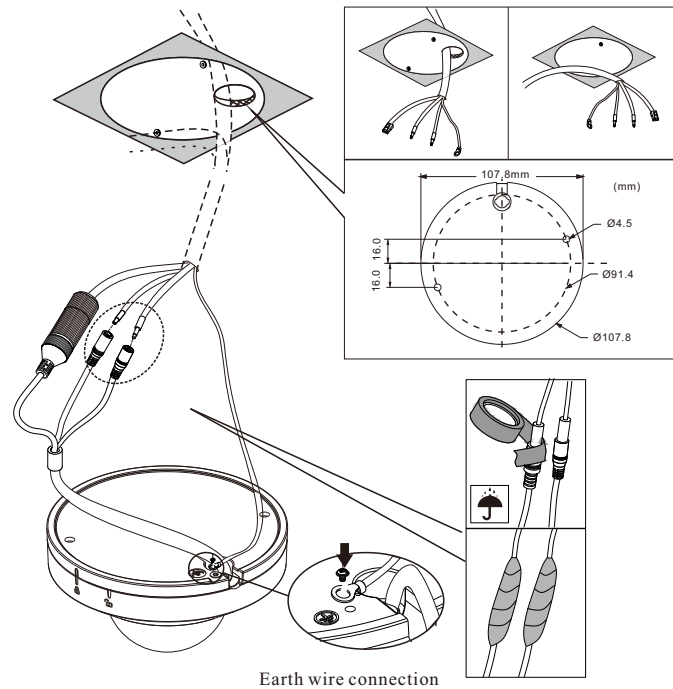
- * If the RJ 45 connector of the network cable has a jacket and cannot be threaded through the kit, remove the jacket. If the jacket cannot be removed, cut off the connector and install an RJ 45 connector without the jacket.

4 Installation

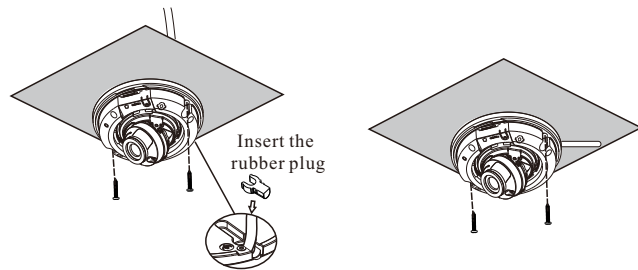
- * Please make sure that the wall or ceiling is strong enough to withstand 3 times the weight of the camera.
- * Please install the camera in a dry environment. You'd better install back the lower dome less than 4 hours after removing it.
- * Do not remove the protection film until finishing the installation.
- ① Use your fingers to move the lower dome anticlockwise and make the mark of the mounting base align with the unlocking icon. Then open the lower dome.



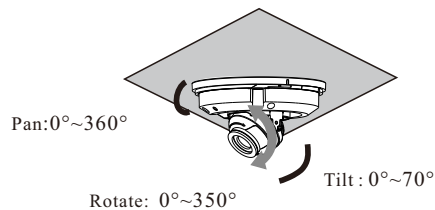
- ② Attach the drill template to the place where you want to fix the camera and then drill 2 screw holes and 1 cable hole (if you want to route the cables through the ceiling) according to the drill template.
- ③ Route and connect these cables.



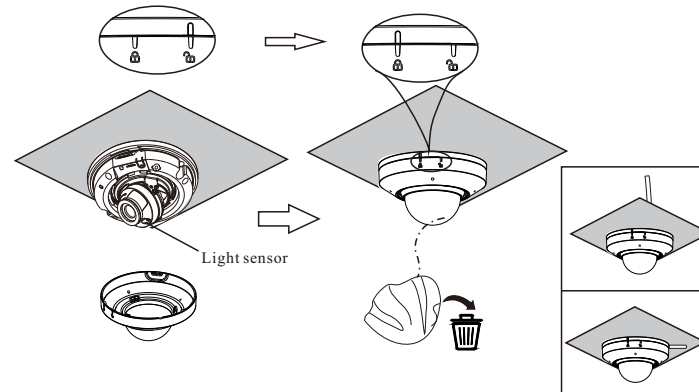
④ Secure the camera to the ceiling or wall with the screws provided.



⑤ Three-axis adjustment. Before adjustment, preview the image of the camera on a monitor and then adjust the camera according to the figure below to get an optimum angle.



⑥ Replace the lower dome to the camera and ensure that there is no gap between the lower dome and the mounting base. Then turn the lower dome clockwise to lock it. Make sure the light sensor can be seen from the outside. If the light sensor is hidden, please re-adjust the lens. Finally, remove the protection film softly.



Tips

Transparent Dome Maintenance

Transparent dome is an optical element which is made of plastics. As dirt, dust or fingerprints on the dome will reduce the clarity of the image, please keep it clean in the course of installing or using but do not directly touch or wipe it. If there is any dirt or dust, please follow these cleaning tips to clean your dome camera.

- * If there is dust on the dome, please use a dry soft brush to gently brush it .
- * If there is water or grease on the dome, please gently wipe off the water or grease with a soft cloth. Then use another clean cloth with a little neutral detergent to wipe it several times until it is clean. Finally, dry it with a soft cloth.
- * If there are fingerprints on the dome, please use a clean cotton cloth or lens cleaning wipe with a little neutral detergent to wipe it several times and then dry it with a soft cloth.

5 Network Connection

● Wireless Network Connection

- ① Enable Wi-Fi network of your phone. Then scan the QR Code of the APP on the gift box to download and install the APP in your phone.
- ② Run the APP and then login in your account of the APP (if you don't register, please register and log in first).
- ③ Power on your camera. Then tap “[-]” in the live interface of the APP. Scan the QR code on the camera and tap “Add”. Then follow directions to configure the Wi-Fi network. After you activate the camera, the device will be automatically added to the server list of the APP. You can view the video and receive the relevant information of the camera.

● Wired Network Connection

- ① Make sure that the device and the PC are connected via LAN.
- ② Get the IP-Tool from the supplier and then install it in the computer. After that, run the IP-Tool.
- ③ Double-click the device information listed in the IP-Tool to connect the device. If there are many devices, please find your device via its MAC address.

Note: Please make sure the device and the computer are in the same local network.

- ④ Read the privacy statement and then activate the device. The default username is **admin**. You need to self-define the password. Then set the security questions and answers. It is important for you to remember these answers, or you will not be able to reset your password.
- ⑤ Follow directions to download and install the plugin if prompted. After that, you can log in and configure the relevant parameters via web as needed.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.