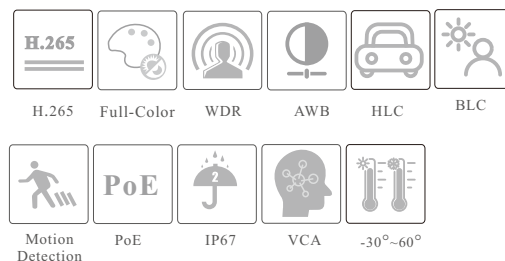


# TD-9545C4

## 4MP Full-Color Turret Network Camera



- H.265+ / H.265 / H.264 +/H.264 / MJPEG coding
- Max. resolution: 2688 × 1520
- 20~30m white light view distance
- 24/7 full color imaging
- 3D DNR, WDR, HLC, BLC, and ROI coding
- Support electronic image stabilization
- Support image distortion correction
- Support 1CH audio input; 1 CH built-in MIC
- Built-in micro SD card slot; up to 512GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Multiple smart events can be enabled at the same time
- Support P2P function
- Support dual-system backup



en.tvt.net.cn

For more information, please visit our website

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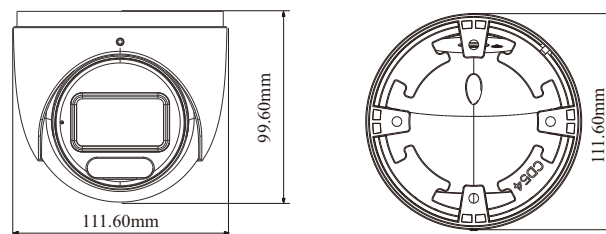
E-mail: [overseas@tvt.net.cn](mailto:overseas@tvt.net.cn)

## SPECIFICATIONS

| Specifications             | Model                                                                                                                                                     | TD-9545C4  |            |           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|
| Camera                     |                                                                                                                                                           |            |            |           |
| Image Sensor               | 1 / 2.9 "CMOS                                                                                                                                             |            |            |           |
| Image Size                 | 2688 × 1520                                                                                                                                               |            |            |           |
| Electronic Shutter         | Auto or manual mode; manual mode: 1 / 3s ~ 1 / 100000 s                                                                                                   |            |            |           |
| Iris Type                  | DC Iris                                                                                                                                                   |            |            |           |
| Min. Illumination          | 0.0008 lux @F1.3, AGC ON; 0 lux with illumination on                                                                                                      |            |            |           |
| S/N Ratio                  | ≥50dB                                                                                                                                                     |            |            |           |
| Lens                       | 2.8~12 mm@F1.3                                                                                                                                            |            |            |           |
| Field of View              | Horizontal: 101°~33°; Vertical: 53°~18.5°; Diagonal: 120°~40°                                                                                             |            |            |           |
| Focus                      | Motorized                                                                                                                                                 |            |            |           |
| Lens Mount                 | Ø16.8                                                                                                                                                     |            |            |           |
| Wide Dynamic Range         | 120dB (the next version will support)                                                                                                                     |            |            |           |
| BLC                        | Yes                                                                                                                                                       |            |            |           |
| HLC                        | Yes                                                                                                                                                       |            |            |           |
| Defog                      | Yes                                                                                                                                                       |            |            |           |
| Digital NR                 | 3D DNR                                                                                                                                                    |            |            |           |
| EIS                        | Yes                                                                                                                                                       |            |            |           |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°                                                                                                              |            |            |           |
| Image                      |                                                                                                                                                           |            |            |           |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream/Third stream: H.265+ / H.265 / H.264+ / H.264/ MJPEG                                           |            |            |           |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                                                                |            |            |           |
| Resolution                 | 4MP (2688×1520),2K (2560×1440), 1080P (1920×1080), 720P (1280×720) , D1, VGA (640 ×480), 640 ×360, CIF, 480×240                                           |            |            |           |
| Main Stream                | 4MP/2K/1080P( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )                                                                                                           |            |            |           |
| Sub Stream                 | 720P/D1/640 ×360/VGA/CIF/480×240 ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )                                                                                      |            |            |           |
| Third Stream               | 720P/D1/640 ×360/VGA/CIF/480×240 ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )                                                                                      |            |            |           |
| Bit Rate                   | 32 Kbps ~8 Mbps                                                                                                                                           |            |            |           |
| Bit Rate Type              | VBR / CBR                                                                                                                                                 |            |            |           |
| Audio Compression          | G711A / U                                                                                                                                                 |            |            |           |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser |            |            |           |
| ROI                        | Each ROI to be configured separately                                                                                                                      |            |            |           |
| Interfaces                 |                                                                                                                                                           |            |            |           |
| Network                    | RJ 45 (10/100 Base-T)                                                                                                                                     |            |            |           |
| Video Output               | No                                                                                                                                                        |            |            |           |
| Audio                      | 1CH audio input; 1CH built-in microphone                                                                                                                  |            |            |           |
| Storage                    | Built-in micro SD card slot; up to 512GB                                                                                                                  |            |            |           |
| Reset                      | Yes                                                                                                                                                       |            |            |           |
| Alarm                      | No                                                                                                                                                        |            |            |           |
| Intelligent Analytics      |                                                                                                                                                           |            |            |           |
| Smart Event                | Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/ missing object detection                                      |            |            |           |
| Statistics                 | Target counting by line (human/vehicle classification)                                                                                                    |            |            |           |
| Exception Detection        | Scene change, video blur and abnormal color detection, audio exception                                                                                    |            |            |           |
| Face Detection             | Face detection, face capture                                                                                                                              |            |            |           |
| DORI Distance              |                                                                                                                                                           |            |            |           |
| Lens                       | Detect                                                                                                                                                    | Observe    | Recognize  | Identify  |
| 2.8~12mm(w)                | 61m(200ft)                                                                                                                                                | 24m(80ft)  | 12m(40ft)  | 6m(20ft)  |
| 2.8~12mm(T)                | 187m(619ft)                                                                                                                                               | 75m(245ft) | 37m(122ft) | 19m(61ft) |
| Functions                  |                                                                                                                                                           |            |            |           |
| Remote Monitoring          | Web Client/TVT NVR/NVMS/mobile APP                                                                                                                        |            |            |           |
| Web Browser                | Chrome 92.0+/Edge 92.0+/Firefox 91.0+/Safari 13.1+                                                                                                        |            |            |           |
| Online Connection          | Support simultaneous monitoring for up to 10 users;<br>Support multi-stream real time transmission                                                        |            |            |           |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, QoS                           |            |            |           |

|                          |                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface Protocol       | ONVIF                                                                                                                                                                                            |
| API & SDK                | Yes                                                                                                                                                                                              |
| Storage                  | Network remote storage; micro SD card storage                                                                                                                                                    |
| Smart Alarm              | Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection                                                                                                   |
| General Function         | Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming                                                                                   |
| Security                 | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP |
| PoE                      | Yes, IEEE802.3af                                                                                                                                                                                 |
| White Light Range        | 20 ~ 30 m                                                                                                                                                                                        |
| Ingress Protection       | IP 67                                                                                                                                                                                            |
| Others                   |                                                                                                                                                                                                  |
| Power Supply             | DC12V/PoE                                                                                                                                                                                        |
| Power Consumption        | < 9W                                                                                                                                                                                             |
| Storage Conditions       | - 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)                                                                                                                         |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)                                                                                                                         |
| Dimensions ( mm )        | Ø 111.6 × 99.6                                                                                                                                                                                   |
| Weight ( net )           | Approx. 0.616KG                                                                                                                                                                                  |
| Installation             | Ceiling mounting; Wall mounting                                                                                                                                                                  |
| Certificate              | CE, FCC                                                                                                                                                                                          |
| Environmental Protection | Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)                                                                                                                   |

## DIMENSIONS



## AVAILABLE MODEL

|                 |                      |
|-----------------|----------------------|
| Available Model | TD-9545C4(AZ/PE/WR2) |
|-----------------|----------------------|

## AVAILABLE ACCESSORIES



TD-YXH0302



TD-YXH0106



TD-YZJ0203



TD-YZJ0214



TD-YXH0302+  
TD-YZJ0811



TD-YXH0302+  
TD-YZJ0407+TD-YZJ0501



TD-YXH0302+  
TD-YZJ0407+TD-YZJ0601



TD-YZJ0214+  
TD-YZJ0501



TD-YZJ0214+  
TD-YZJ0601