

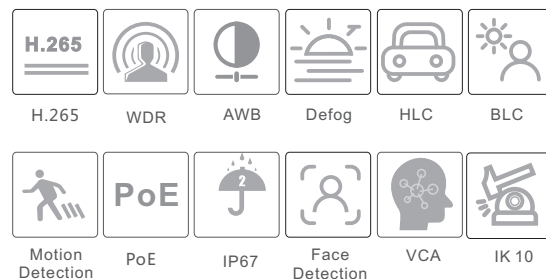
CAMERA

# TD-9523A1

2MP Face Detection Dome AI  
Network Camera



- 1080P ( 1920 × 1080 ) full real time coding
- Max. resolution: 1920 × 1080
- Motorized zoom lens
- 3D DNR, Digital WDR, HLC, BLC and ROI coding
- One CVBS output and one on-board CVBS output
- 1CH audio input and 1CH audio output; Hardware reset
- Built-in micro SD card slot, up to 128GB
- 1CH alarm input; 1CH alarm output; RS485
- DC12V/AC24V/PoE power supply
- Support smart phone, iPad, remote monitoring
- P2P function optional; IP67&IK10 ingress protection
- Support three streams
- Smart Analytics: object removal detection, abnormal video signal detection, line crossing detection, region intrusion detection, people intrusion detection, people counting detection, crowd density detection and face detection



[en.tvt.net.cn](http://en.tvt.net.cn)

For more information, please visit our website

**Shenzhen TVT DIGITAL TECHNOLOGY CO., LTD.**

Address: 23<sup>rd</sup> Floor, Block B4, Building NO.9, Shenzhen Bay Eco-Technology Park, Nanshan District, Shenzhen, Guangdong Province, P.R.China

Tel: +86-755-36995888

Web site: <http://en.tvt.net.cn>

Fax: +86-755-33104777

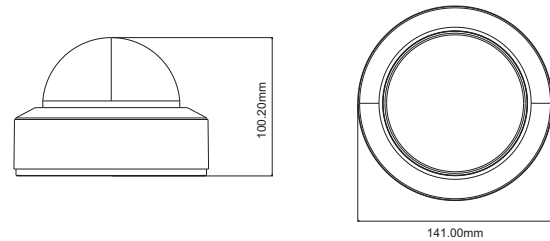
E-mail: [overseas@tvt.net.cn](mailto:overseas@tvt.net.cn)

### SPECIFICATIONS

Specifications	Model	TD-9523A1
<b>Camera</b>		
Image Sensor	1 / 2.8 "CMOS	
Image Size	1920 × 1080	
Electronic Shutter	1 / 25 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.004 lux (unavailable for face detection mode)	
Lens	7~22mm@F1.4, horizontal FoV: 37°~22.5°; recommended face capturing distance: 5~15m	
Lens Mount	Φ14	
Wide Dynamic Range	Digital WDR	
BLC	Yes	
HLC	Yes	
Defogging	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°	
<b>Image</b>		
Video Compression	H.265 / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240	
Main Stream	60Hz : 1080P/ 720P ( 1 ~ 30fps ); 50Hz : 1080P/ 720P ( 1 ~ 25fps )	
Sub Stream	60Hz : D1/CIF ( 1~30fps ); 50Hz: D1/CIF ( 1~25fps )	
Third Stream	60Hz : CIF/480x240 ( 1~30fps ); 50Hz: CIF/480x240 ( 1~25fps )	
Bit Rate	128 Kbps ~ 6 Mbps	
Bit Rate Type	VBR / CBR	
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
<b>Interfaces</b>		
Network	RJ45	
Video Output	CVBS output (BNC × 1); one on-board CVBS output	
Audio	1CH audio input; 1CH audio output	
Storage	Built-in micro SD card slot, up to 128GB	
Hardware Reset	Yes	
RS 485	Yes	
Alarm	1CH alarm input; 1CH alarm output	
<b>Functions</b>		
Remote Monitoring	Web browsing, CMS remote control	
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection; Sensor alarm; SD card full; SD card error; IP conflict; Network disconnection	
Intelligent Analytics	Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting, crowd density, face detection (optional)	
General function	Watermark, IP address filtering, video mask, heartbeat, password protection	
PoE	Yes (802.3af)	
Ingress Protection	IP67 & IK10	
<b>Face Detection</b>		
Face Detection	Pupil distance of a facial image over 20 pixel can be detected	
Face Capturing	By precision detecting, tracing, capturing, scoring and screening the moving faces to get the most effective face snapshots	

Panorama Capturing	Support panorama capturing and self-defined information overlay, like device ID, time, etc.
Intelligent Light Compensation	No; external supplementary light source needed
<b>Others</b>	
Power Supply	DC12V/AC24V/PoE
Power Consumption	< 4W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Φ 141 × 100.2
Weight ( net )	Approx. 0.89KG
Installation	Wall mounting; ceiling mounting

### DIMENSIONS



### AVAILABLE ACCESSORIES



### AVAILABLE MODEL

Available Model	TD-9523A1(D/AZ/PE)
-----------------	--------------------