

**TVT**

**Secure The World With You**

***www.tvt.net.cn***



# **TD-9451E2**

**5 MP Network IR Water-proof  
Bullet Camera**

**TVT**

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

**Address: 5F, North Block, CE Lighting House, Hi-Tech Park, Nanshan District, Shenzhen, Guangdong Province, P.R.China 518057**

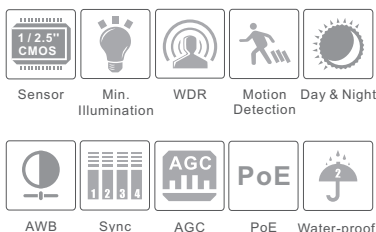
**Tel: +86-755-3330 6001**

**Fax: +86-755-3330 6002**

**Web site: [www.tvt.net.cn](http://www.tvt.net.cn)**

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

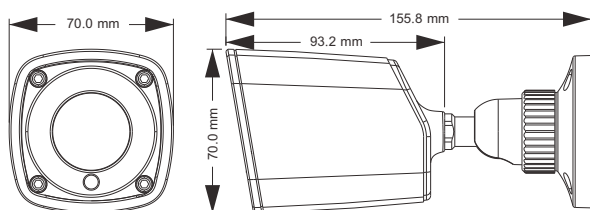
## 5 MP Network IR Water-proof Bullet Camera



## Features

- 5MP ( 2592 × 1944 ) H.265 full real time coding
- Max. resolution: 2592 × 1944
- ICR auto switch, true day / night
- 10 ~ 20m IR night view distance
- 3D DNR, true WDR, HLC and BLC
- ROI coding
- Support CVBS video output and one-way audio
- Support PoE power supply
- Support smart phone, iPad, remote monitoring
- Support P2P
- IP66 ingress protection
- Support three streams
- Support smart analysis, including object removal detection, line crossing detection, intrusion detection, etc.

## Dimensions



## Available Accessories



## Specifications

Model	TD-9451E2
<b>Specifications</b>	
<b>Camera</b>	
Image Sensor	1 / 2.5" CMOS
Image Size	2592 × 1944
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.03 lux @F1.2, AGC ON; 0 lux with IR
Lens	3.6 mm @F1.6, horizontal field of view: 79°
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	2D / 3D DNR
Angle Adjustment	Any Angle
<b>Image</b>	
Video Compression	H.265 / H.264 / MJPEG
H.265 Compression Standard	Main Profile @Level 4.1 High Tier
Resolution	5MP ( 2592×1944 ), 4MP ( 2560×1440 ), 1080P ( 1920×1080 ), 720P ( 1280×720 ), D1, CIF, 480×240
Main Stream	60Hz: 5MP ( 1 ~ 30fps ) / 4MP ( 1 ~ 30fps ) / 1080P ( 1 ~ 60fps ) / 720P ( 1 ~ 30fps ) 50Hz: 5MP ( 1 ~ 25fps ) / 4MP ( 1 ~ 25fps ) / 1080P ( 1 ~ 50fps ) / 720P ( 1 ~ 25fps )
Bit Rate	128 Kbps ~ 10 Mbps
Encode Mode	VBR / CBR
Quality	Five levels under VBR; Freely adjustable under CBR
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
Audio Compression	G711A / U
ROI	Each ROI to be configured separately
<b>Interfaces</b>	
Network	RJ45
Audio	MIC IN × 1
Video Output	CVBS video output ( BNC × 1 )
<b>Functions</b>	
Remote Monitoring	IE browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	Network remote storage
Smart Alarm	Motion alarm
PoE	Yes
IR Distance	10 ~ 20 m
Water-proof	IP66
<b>Others</b>	
Power Supply	DC12V / PoE
Power Consumption	< 7W
Operating Environment	- 20 °C ~ 50 °C, 10 % ~ 90 % relative humidity
Dimensions ( mm )	Φ70 × 156
Weight ( net )	357g
Installation	Wall mounting, pendent mounting

## Available Model

Available Model	TD-9451E2 ( D / PE / IR1 )
-----------------	----------------------------