Smart AI Network Camera

TVT-D28C-POE-6MP-AI

6MP Full Colour IP Dome 2.8mm Fixed Lens

Arrowhead
Alarm Products

Features:

- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: MP (3200 1800)
- Auto day/night switch & ROI coding
- 3D DNR, HWDR, HLC, BLC, etc.
- Support smart supplement light
- 20~30m white light view distance;
  20~30m IR view distance
- DC12V/PoE power supply & IP 67 ingress protection
- Support three streams
- Smartphone ready with iOS and Android
- Support SMD Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
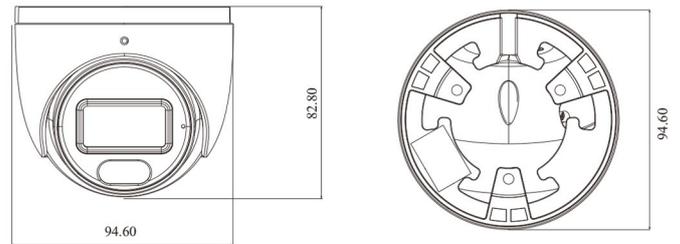
CCTV Solutions with **TVT**®

SPECIFICATIONS

Specifications Model	TVT-D28C-POE-6MP-AI
Camera	
Image Sensor	1 / 2.5 "CMOS
Image Size	3200×1800
Electronic Shutter	1 / 4 s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.008 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 104°;Vertical FoV:55°;Diagonal FoV:128° 3.6mm@F1.6, Horizontal FoV:78°;Vertical FoV:38°;Diagonal FoV:94°
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°~75°;Rotation: 0°~360°
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	6MP (3200 × 1800), 4MP (2688× 1520), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640× 480), 480× 240, CIF
Main Stream	60Hz: 6MP(1~20fps) /4MP/1080P (1~30fps) 50Hz: 6MP(1~20fps) /4MP/1080P (1~25fps)
Sub Stream	720P/D1/VGA/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~8Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
Functions	
Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
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, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card full, SD card error
Smart Event	Video Exception (scene change, video blur and abnormal color detection), line crossing /region intrusion detection(human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection
General Function	Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern
PoE	Yes (IEEE802.3af)
Supplement Light Range	IR range: 20 ~ 30 m; white light range:20 ~ 30 m
Ingress Protection	IP67
Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8mm	69m(226ft)	28m(92ft)	14m(46ft)	7m(23ft)
3.6mm	105m(344ft)	42m(138ft)	21m(69ft)	10m(33ft)

Others	
Power Supply	DC12V/PoE
Power Consumption	<6.5W
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)	Φ94.6 × 82.8
Weight (net)	Approx. 0.45KG
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

82.80

94.60

94.60

AVAILABLE ACCESSORIES

TVT-YXH0301   TVT-YXH0104   TVT-YZJ0203