

# Smart AI Network Camera

TVT-D28CL-6MP

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: 6MP ( 3200 1800)
- Auto day/night switch & ROI coding
- 3D DNR, HWDR, HLC, BLC, etc.
- Support smart supplement light
- 10~20m white light view distance;  
20~30m IR view distance
- DC12V/PoE power supply & IP 67 ingress protection
- Support dual streams
- Smartphone ready with iOS and Android
- Supports line crossing detection and region intrusion detection



CCTV Solutions with

**TVT**

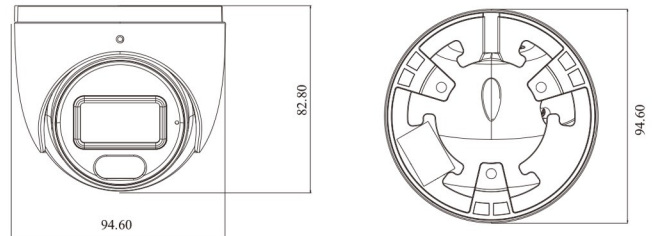


## SPECIFICATIONS

Specifications	Model			
<b>Camera</b>				
Image Sensor	1 / 2.7 "CMOS			
Image Size	3200×1800			
Electronic Shutter	1 / 2s ~ 1 / 100000s			
Iris Type	Fixed Iris			
Min. Illumination	0.007 lux @F1.6, AGC ON; 0 lux with illuminator on			
Lens	2.8mm@F1.6, Horizontal FoV:110.5°;Vertical FoV:57°; Diagonal FoV:131° 3.6mm@F1.6, Horizontal FoV:91.5°;Vertical FoV:49.5°; Diagonal FoV:107°			
Focus	Fixed			
Lens Mount	M12			
Day&Night	ICR			
Wide Dynamic Range	Digital WDR			
BLC	Yes			
HLC	Yes			
Digital NR	Yes			
S/N Ratio	≥50dB			
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°;Rotation: 0°~360°			
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8mm	60m(196ft)	24m(78ft)	12m(39ft)	6m(20ft)
3.6mm	71m(233ft)	28m(93ft)	14m(47ft)	7m(23ft)
<b>Image</b>				
Video Compression	Main stream: H.265+ / H.265 / H.264 + / H.264 Sub 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	60Hz: 720P/D1/VGA/ CIF/480×240(1~30fps); 50Hz: 720P/D1/VGA/ CIF/480×240(1~25fps)			
Bit Rate	64 Kbps ~8Mbps			
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			
<b>Interfaces</b>				
Network	RJ45			
Video Output	No			
Audio	1CH built-in MIC			
Storage	No			
Reset	No			
<b>Functions</b>				
Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP			
Web Browser	IE 11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, 802.1x, HTTP			
Interface Protocol	ONVIF			
Storage	Network remote storage			
Motion Detection	Support smart motion detection; filtering motion alarm triggered by other target types except humans.			
Smart Event	(Human) region intrusion detection, (human)line crossing detection			
General Function	Watermark, video mask, heartbeat			
Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP			

PoE	Yes, IEEE802.3af
Supplement Light Range	IR range: 20 ~ 30 m; white light range:10 ~ 20 m
Ingress Protection	IP67
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 6W
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 )	Φ94.6×82.8
Weight ( net )	Approx. 0.423KG
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



## Accessories



TVT-YXH0302



TVT-YZJ0203



TVT-YXH0302 &  
TVT-YZJ0811