

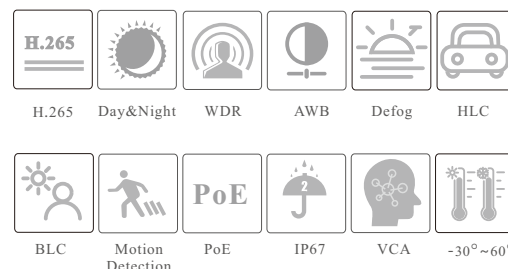
CAMERA

TD-9442A3BH-SD

4MP IR Water-Proof Bullet
Network Camera



- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- Max. resolution: 2560 × 1440
- Starlight
- ICR auto switch, true day / night vision
- 30~50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Built-in micro SD card slot; up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- AI function secondary development supported



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For more information, please visit our website

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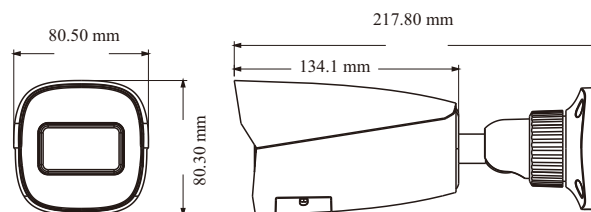
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SPECIFICATIONS

Model	Specifications	TD-9442A3BH-SD
Camera		
Image Sensor	1 / 1.8 "CMOS	
Image Size	2560 × 1440	
Electronic Shutter	Auto/manual; Manual mode: 1 / 3s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.0016 lux@F1.6,AGC ON; 0 lux with IR	
Lens	2.8 mm@F1.65, H.FoV: 111.3°; V.FoV:78.9°; D.FoV:118.4° 3.6 mm@F1.6, H.FoV: 88.4°; V.FoV: 57.8°; D.FoV:96.3°	
Focus	Fixed	
Lens Mount	M12	
Day & Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
S/N Ratio	≥ 50dB	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	
Image		
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	4MP (2560 × 1440), 3MP (2304 × 1296),1080P (1920 × 1080), 720P (1280 × 720), D1, VGA(640 × 480), 480 × 240, CIF	
Main Stream	4MP/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)	
Sub Stream	720P/D1/CIF/VGA/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)	
Third Stream	D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)	
Bit Rate	64 Kbps ~ 8 Mbps	
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	
Interfaces		
Network	RJ 45 10M/100M self-adaptive Ethernet port	
Video Output	No	
Audio	1CH audio input	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Alarm	No	
Functions		
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP	
Web Browser	IE11(plugin-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection, SD card error, SD card full	
Intelligent Analytics	Self-defined	
General Function	Watermark, video mask, heartbeat, corridor pattern	
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS	

PoE	Yes, IEEE802.3af
IR Distance	30 ~50 m
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 7.5W
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)	217.8 × 80.5 × 80.3
Weight (net)	Approx. 0.68KG
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 ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9442A3BH-SD(D/PE/AR3)	Fixed lens
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