

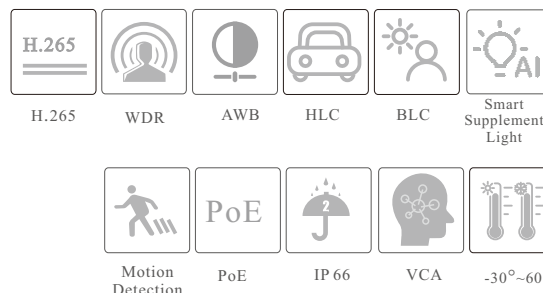
TD-9442E4-PA

4MP Dual-illumination Bullet Network Camera

Light
Explorer Expert



- H.265S/ H.265+/H.265/H.264S/H.264 +/H.264 coding
- Max. resolution: 2688 × 1520
- 30~40m white light view distance; 30~50 IR view distance
- Support smart supplement light
- Support AI ISP
- ICR auto switch, true day / night vision
- 3D DNR, HWDR, HLC, BLC, Smart IR and ROI coding
- Support electronic image stabilization
- Built-in micro SD card slot; up to 512G
- DC12V/PoE power supply
- IP 66 ingress protection
- Support three streams
- Support NAT function
- Support SMD
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Multiple smart events can be enabled at the same time
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import
- Dual system backup



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For more information, please visit our website

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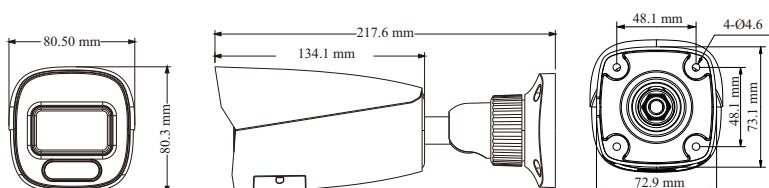
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SPECIFICATIONS

Model	TD-9442E4-PA			
Specifications				
Camera				
Image Sensor	1 / 2.9 "CMOS			
Max. Resolution	2688 × 1520			
Electronic Shutter	1 / 3s ~ 1 / 100000 s			
Iris Type	DC Iris			
Min. Illumination	0.003 lux @F1.6, AGC ON; 0 lux with illumination on			
S/N Ratio	≥50dB			
Lens	2.7~13.5mm@F1.6			
Field of View	Horizontal: 99° ~31°; Vertical: 53° ~17°; Diagonal: 115° ~35°			
Focus	Motorized			
Lens Mount	Φ14			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
Digital NR	3D DNR			
EIS	Yes			
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°			
Image				
Video Compression	Main stream: H.265S/ H.265+ / H.265/ H.264S / 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 (2688×1520),2K (2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240			
Main Stream	4MP/2K/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Sub Stream	1080P/720P/D1/VGA/640×360/CIF/480×240 (60Hz :1~30fps; 50Hz:1~25fps)			
Third Stream	720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Bit Rate	32 Kbps ~ 8 Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser			
ROI	8 ROI, each ROI to be configured separately			
Interfaces				
Network	RJ 45 (10/100 Base-T)			
Video Output	No			
Audio	1CH audio input; 1CH audio output; 1CH built-in microphone; 1CH built-in speaker			
Storage	Built-in micro SD card slot; up to 512G			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
Intelligent Analytics				
Intelligent Video Detection (IVD)	Line crossing/ region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection, people gathering detection			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.7~13.5mm(W)	60m(200 ft)	24m(80ft)	12m(39ft)	6m(20ft)
2.7~13.5mm(T)	203m(667ft)	81m(266ft)	40m(133ft)	20m(66ft)
Functions				
Remote Monitoring	Web Client/NVR/NVMS/mobile APP			
Web Browser	Chrome 105.0+ /Edge 105.0+ /Firefox 121.0+ /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, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS
Interface Protocol	ONVIF Profile S/G/M/T
API&SDK	Yes
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, light alarm, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, smart IR, smart supplement light, corridor pattern, ANR, cloud upgrade, disarming
Security	Firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API service
PoE	Yes, IEEE802.3af
Supplement Light Range	IR range: 30 ~ 50 m; white light range: 30 ~ 40 m
Ingress Protection	IP 66
Others	
Power Supply	DC12V/PoE
Power Consumption	<11.5W
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)	217.6 × 80.5 × 80.3
Weight (net)	Approx. 0.694KG
Material	Aluminum alloy body
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9442E4-PA(D/AZ/PE/AW3)	Motorized lens
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