

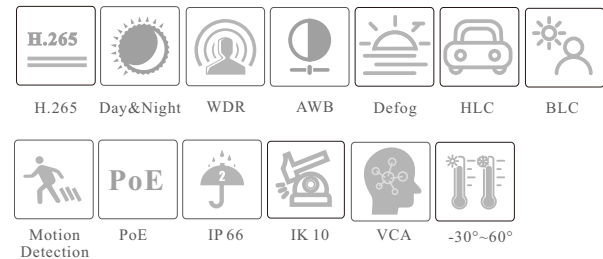
CAMERA

# TD-9844E3B

4MP Dual-lens Network IR  
Water-Proof Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2688 × 1520
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- 3D DNR, HWDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Support 2-split screen preview
- Built-in micro SD card slot, up to 512GB
- DC12V/PoE power supply
- IP 66 & IK 10 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support NAT function
- Multiple smart events can be enabled at the same time
- Support dual-system backup



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For more information, please visit our website

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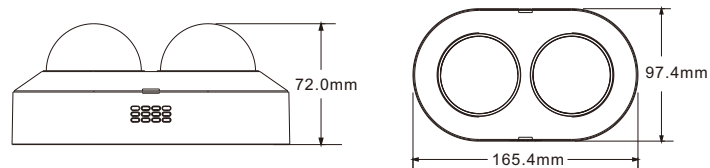
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### SPECIFICATIONS

Specifications	Model	TD-9844E3B		
<b>Camera</b>				
Image Sensor		1 / 3 "CMOS*2		
Image Size		2688 × 1520		
Electronic Shutter		1 / 3 s ~ 1 / 100000 s		
Iris Type		Fixed Iris		
Min. Illumination		0.005 lux@F1.6, AGC ON; 0 lux with IR		
Lens		2.8 mm@F1.6, Horizontal FoV: 101°; vertical FoV: 55°; diagonal FoV: 122° 3.6 mm@F1.6, Horizontal FoV: 83°; vertical FoV: 42°; diagonal FoV: 100°		
Focus		Fixed		
Lens Mount		M12		
Day & Night		ICR		
Wide Dynamic Range		120dB		
BLC		Yes		
HLC		Yes		
Defog		Yes		
S/N Ratio		≥ 50dB		
Digital NR		3D DNR		
Angle Adjustment		Pan: -90°~90°; Tilt: 0°~65°; Rotation: 0°~35°		
<b>Image</b>				
Video Compression		Main/Third stream: H.265+ / H.265 / H.264+ / H.264 Sub 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), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480 × 240		
Main Stream		4MP/2K/3MP/1080P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)		
Sub Stream		720P/D1/VGA/640×360/480×240/CIF (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		
<b>Intelligent Analytics</b>				
Intelligent Video Detection (IVD)		Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object 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		
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8mm	58m(191ft)	23m(76ft)	12m(38ft)	6m(19ft)
3.6mm	79m(260ft)	32m(104ft)	16m(52ft)	8m(26ft)
<b>Interfaces</b>				
Network		RJ 45 10M/100M self-adaptive Ethernet port		
Video Output		No		
Audio		1CH audio input; 1CH audio output; 2CH built-in MICs; 1CH built-in speaker		
Storage		Built-in micro SD card slot; up to 512GB		
Reset		Yes		
Alarm		2CH alarm input; 2CH alarm output		
Power Output		Yes, max. DC12V@100mA		
<b>Functions</b>				
Remote Monitoring		Web Browser/NVMS/NVR/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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS
Interface Protocol	ONVIF
API& SDK	Yes
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, disarming, ANR, cloud upgrade
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API services
PoE	Yes, IEEE802.3af
IR Distance	20~30 m
Ingress Protection	IP 66& IK 10
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	<9.5W
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)	165.4 × 97.4 × 72
Weight (net)	Approx. 0.755KG
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



YXH0208

### AVAILABLE MODEL

Available Model	TD-9844E3B(D/PE/AR2), 2.8mm lens*2
	TD-9844E3B(D/PE/AR2), 3.6mm lens*2