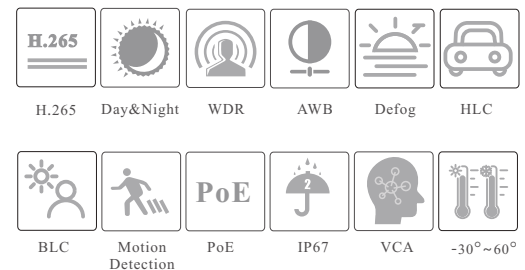


VTC-B50

5MP IR Water-Proof Bullet Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1944
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- Support image distortion correction
- 1CH audio input
- 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
- Intelligent analytics

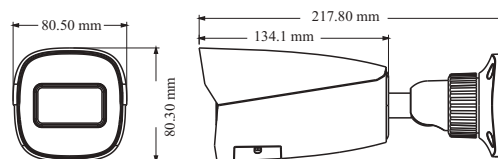


SPECIFICATIONS

Specifications	Model	VTC-B50		
Camera				
Image Sensor		1 / 2.7" CMOS		
Image Size		2592 × 1944		
Electronic Shutter		1/3 s ~ 1 / 100000 s		
Iris Type		Fixed Iris		
Min. Illumination		0.02 lux@F1.6, AGC ON; 0 lux with IR; 0.01lux@F1.4, AGC ON, 0 lux with IR		
Lens		2.8 mm@F1.6, H.FoV: 99.87°; V.FoV: 70.36°; D.FoV: 120° 3.6 mm@F1.6, H.FoV: 80°; V.FoV: 58°; D.FoV: 108°		
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: 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		5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240		
Main Stream		5MP/4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)		
Sub Stream		720P/D1/CIF/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		1 CH audio input		
Storage		Built-in micro SD card slot; up to 256GB		
Reset		Yes		
Alarm		No		
Intelligent Analytics (Smart Events)				
Perimeter Protection		Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)		
Statistics		Target counting by line/area, heat map		
Exception Detection		Scene change, video blur and abnormal color detection		
Face Detection		Face detection and face capture		
Other Events		Abandoned/missing object detection		
Video Metadata		Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature		
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	55.16m(180.97ft)	22.06m(72.37ft)	11.03m(36.18ft)	5.52m(18.11ft)
3.6mm	70.14m(230.11ft)	28.06m(92.06ft)	14.03m(46.03ft)	7.01m(22.99ft)
2.8~12mm(W)	58.19m(190.91ft)	23.28m(76.37ft)	11.64m(38.18ft)	5.82m(19.09ft)
2.8~12mm(T)	202.85m(665.51ft)	81.14m(266.20ft)	40.57m(133.10ft)	20.29m(66.56ft)
Functions				

Remote Monitoring	Web Browser/NVMS2.0/NVR/mobile APP	
Web Browser	IE11(plug-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	
General Function	Watermark, video mask, heartbeat, image distortion correction, 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	20 ~30 m	
Ingress Protection	IP67	
Others		
Power Supply	DC12V/PoE	
Power Consumption	< 8.5W	
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. 0.66KG	Approx. 0.69KG
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	VTC-B50	Fixed lens
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