

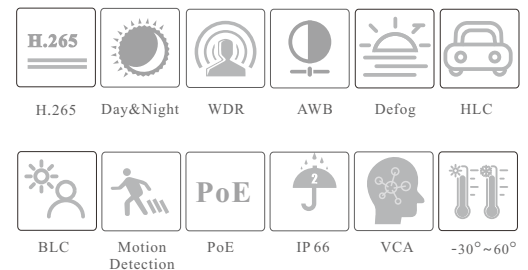


VTC-B80PA

8MP Dual Illumination AI Bullet Network Camera



- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 3840 × 2160
- ICR auto switch, true day / night
- 30 ~ 40m IR or white light range
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- 1CH audio input; 1CH audio output
- 1CH built-in speaker; 1CH built-in microphone
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP66 ingress protection
- Support three streams
- Intelligent analytics
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import

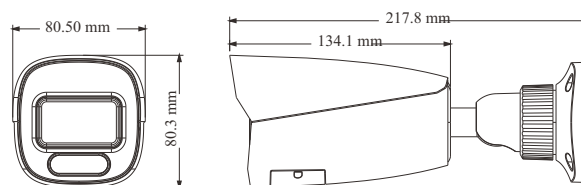


SPECIFICATIONS

Specifications	Model	VTC-B80PA
Camera		
Image Sensor		1 / 1.8" CMOS
Image Size		3840 × 2160
Electronic Shutter		1 / 2s ~ 1 / 100000 s
Iris Type		Fixed Iris
Min. Illumination		0.008lux@F1.6, AGC ON, 0 lux with IR, 0 lux with LED
Lens		2.8 mm@F1.6, H.FoV:109°; V.FoV:57°; D.FoV:132°; 3.6 mm@F1.6, H.FoV: 88°; V.FoV:51°; D.FoV:100°
Focus		Fixed
Lens Mount		M12
Wide Dynamic Range		120dB
BLC		Yes
HLC		Yes
Defog		Yes
Digital NR		2D/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/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard		Baseline Profile/Main Profile/High Profile
Resolution		8MP(3840×2160), 6MP(3072×2048), 5MP(2592×1944), 4MP(2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), CIF, 480×240
Main Stream		8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream		1080P/720P/D1/VGA/CIF(60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream		D1/VGA/CIF/480×240(60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate		64 Kbps ~12 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		Each ROI to be configured separately
Interfaces		
Network		RJ 45 10M/100M self-adaptive Ethernet port
Video Output		No
Audio		1CH audio input; 1CH audio output; 1CH built-in speaker; 1CH built-in microphone
Alarm		1CH alarm input; 1CH alarm output
Storage		Built-in micro SD card slot; up to 256GB
Reset		Yes
Functions		
Remote Monitoring		Web Client/NVR/NVMS2.0/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, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS
Interface Protocol		ONVIF
Storage		Network remote storage; micro SD card storage
Smart Alarm		Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection
General Function		Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
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
Supplement light Range		IR range: 30 ~ 40 m White light range: 30 ~ 40 m

Protection Grade	IP66			
Intelligent Analytics				
Video Abnormality	Scene change detection, video blur detection, abnormal color detection			
Perimeter Detection	Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification)			
Sound&Light Warning	Yes			
Other Events	Face detection and face capture, abandoned/missing object detection; heat map; target counting by line/area, heat map			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	80m(262ft)	32m(105ft)	16m(52ft)	8m(26ft)
3.6mm	91m(299ft)	36m(118ft)	18m(59ft)	9m(30ft)
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)	217.7 × 80.5 × 80.3			
Weight (net)	Approx. 0.68KG			
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



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	VTC-B80PA	Fixed lens
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