



PRIZOR VIZTECH LIMITED



PP-5050IPBVF-AI-PRO
5MP IR WATER-PROOF
BULLET NETWORK CAMERA

KEY FEATURES

- ◆ 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
- ◆ 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

5MP

WDR



3.66 MM

**FULL
AI**

AGC

IP67



SPECIFICATIONS

Model Specification	PP-5050IPBVF-AI-PRO	
Camera		
Image Sensor	1 / 2.7 "CMOS	
Image Size	2592 × 1944	
Electronic Shutter	Auto/manual; manual mode: 1 / 3s ~ 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°	2.8~12mm@F1.4, H.FoV: 92.6°~28.9°; V.Fov:67.5°~21.7°; D.FoV:121.0°~36.1°
Focus	Fixed	Motorized
Lense Mount	M12	Φ14
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°	



SPECIFICATIONS

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, VGA(640 × 480)
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/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



SPECIFICATIONS

Intelligent Analytics	
Smart Event	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection
Statistics	Target counting by line/area, heat ma
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, 5 motor vehicle features and 1 non-motor vehicle feature

DORI DISTANCE				
Lense	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)



SPECIFICATIONS

Functions	
Remote Monitoring	Web Browser/NVR/PVMS2.X/Mobile APP
Web Browser	IE 11 (Plug In Required)/Chrome89.0+/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, HTTP POST, 802.1x, UPnP, HTTPS, QoS
Interface Protocall	ONVIF (profile S, G, T, M)
Storage	Network Remote Storage micro SD card storage
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection
General Function	Watermark , Video Mask , Heartbeat
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
PoE	Yes, IEEE802.3af
IR Distance	20-50m
Ingress Protection	IP67



SPECIFICATIONS

Others		
Power Supply	DC12V/PoE	
Power Consumption	< 8.5	
Operating Environment	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)	
Storage Environment	- 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

