

# IPC HP-9700 Series

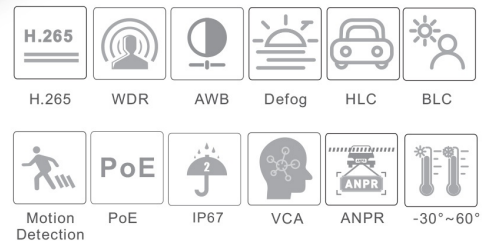
## AI-LPR 2MP SURVEILLANCE NETWORK CAMERA

### HP-97B20PE-AILR

- กล้องตัวเดียวก็ทำงานได้ ทันที หรือจะต่อเครื่องบันทึกก็ทำได้เช่นกัน
- สั่งเปิด / ปิด ประตูอัตโนมัติ หรือ ไม่กั้นทางอัตโนมัติได้
- สามารถเก็บฐานข้อมูลประวัติ สมาชิก/แบล็คลิสต์ ได้ถึง 10,000 ป้าย
- รองรับการบันทึกป้ายทะเบียนคนทั่วไปไม่จำกัด
- ระบบ Car Park รองรับการเร็วได้ถึง 70km /h
- ระยะเลนส์ปรับได้ถึง 7-22mm กว้างหรือไกล เลือกได้
- มาตรฐานป้องกันน้ำ / แดด IP 67
- มีช่อง Alarm In / Out ในตัว



- Starlight
- 2MP ( 1920 × 1080 ) @30fps
- Support smart H.265/H.264 coding
- ICR auto switch, true day/night
- Up to 100m IR night view distance; motorized zoom lens
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Built-in micro SD card slot, up to 128GB
- 1CH audio input; 1CH audio output
- 1CH alarm input; 1CH alarm output
- DC12V/PoE power supply
- Support three streams
- P2P function optional
- IP67
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics: video abnormality (video tampering, scene change), license plate recognition

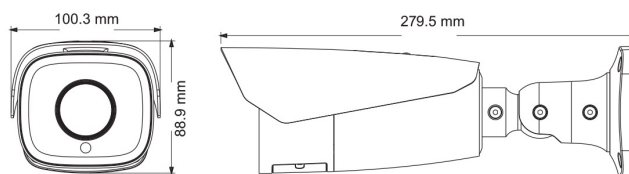


### SPECIFICATIONS

Model	HP-97B20PE-AILR	
<b>Specifications</b>		
<b>Camera</b>		
Image Sensor	1 / 2.8 "CMOS	
Image Size	1920 × 1080	
Electronic Shutter	1 / 25 s ~ 1 / 100000 s	
Iris Type	DC Iris	
Min. Illumination	0.0026 lux@F1.2, AGC ON; 0 lux with IR 0.005 lux@F1.6, AGC ON; 0 lux with IR	
Lens	2.8~12mm@F1.4, motorized	7~22mm@F1.6, motorized
Field of View	H: 103.4°~32.4°; V:71°~181.5°; D: 111°~36.8°	H: 44°~17.6°; V:25.6°~10°; D: 49.7°~20.2°
Lens Mount	Φ14	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°	
<b>Image</b>		
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240	
Main Stream	60Hz : 1080P / 720P( 1 ~ 30fps ); 50Hz : 1080P / 720P( 1 ~ 25fps ) HFR Mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps)	
Sub Stream	60Hz : 720P/D1/CIF/480x240 (1~30fps); 50Hz: 720P/D1/CIF/480x240 (1~25fps)	
Third Stream	60Hz: D1/CIF/480x240 (1~30fps); 50Hz: D1/CIF/480x240 (1~25fps)	
Bit Rate	64 Kbps ~ 6 Mbps	
Bit Rate Type	VBR / CBR	
Audio Compression	G711A / U	
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
<b>Interfaces</b>		
Network	RJ45	
Video Output	No	
Audio	1CH audio input; 1CH audio output	
Storage	Built-in micro SD card slot; up to 128GB	
Reset	Yes	
Alarm	1CH alarm input; 1CH alarm output	
RS 485	No	
<b>Functions</b>		
Remote Monitoring	Web browsing, CMS remote control	
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, 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 disconnection	
Intelligent Analytics	Video tampering detection, scene change detection, license plate recognition	
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction	
PoE	Yes, IEEE802.3af	
IR Distance	50~70m	70~100m
Protection Grade	IP67	

LPR	
Snapshot	Overview and cutout of plate for picture
White List	10000
Capture Speed Range	0~70km/h
Others	
Power Supply	DC12V/PoE
Power Consumption	< 11W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	279.5 × 100.3 × 88.9
Weight ( net )	Approx. 1.04KG
Installation	Ceiling mounting; Wall mounting

### DIMENSIONS



### AVAILABLE ACCESSORIES



### AVAILABLE MODEL

Available Model	TD-9423A3-LR	2.8~12mm, motorized
		7~22mm, motorized