

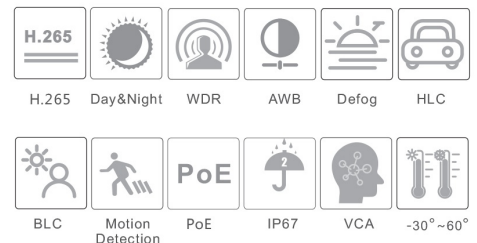
CAMERA

# HP-97B20PE-E3-AI

2MP IR Starlight Bullet Network Camera



- 2MP ( 1920 × 1080 ) @30fps
- Support smart H.265/H.264 coding
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- Starlight
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support corridor mode
- Support image distortion correction
- Built-in micro SD card slot
- DC12V/PoE power supply
- IP67 ingress protection
- Support three streams
- P2P function optional
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



## SPECIFICATIONS

Specifications	Model	HP-97B20PE-E3-AI
<b>Camera</b>		
Image Sensor	1 / 2.8 "CMOS	
Image Size	1920 × 1080	
Electronic Shutter	1 / 25 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR 0.0028 lux@F1.2, AGC ON; 0 lux with IR	
Lens	2.8 mm@F1.6, horizontal FoV: 108°; vertical FoV: 75.3°; diagonal FoV: 115.2° 3.6 mm@F1.6, horizontal FoV: 89°; vertical FoV: 57.8°; diagonal FoV: 96.8°	
Focus	Fixed	
Lens Mount	M12	
Day & Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; 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 )	
Sub Stream	60Hz:720P/D1/CIF/480×240 (1~30fps); 50Hz:720P/D1/CIF/480×240 (1~25fps)	
Third Stream	60Hz:D1/CIF /480×240 (1~30fps); 50Hz:D1/CIF/480×240 (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 10/100 Mbps	
Video Output	No	
Audio	1CH audio input	
Storage	Built-in micro SD card slot; up to 128GB	
Reset	Yes	
Alarm	No	
<b>Intelligent Analytics (Smart Events)</b>		
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)	
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting	
Exception Detection	Scene change, video blur and video color cast detection	
Face Detection	Face detection and face capture	
General Intelligence	Crowd density detection, heat map, object abandoned/missing detection*	
<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, SD card error, SD card full	
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction	

PoE	Yes, IEEE802.3af
IR Distance	20 ~ 30 m
Ingress Protection	IP67
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 6.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	165.7 x 69 x 69
Weight ( net )	Approx. 0.40KG
Installation	Ceiling mounting; Wall mounting

## DIMENSIONS

