

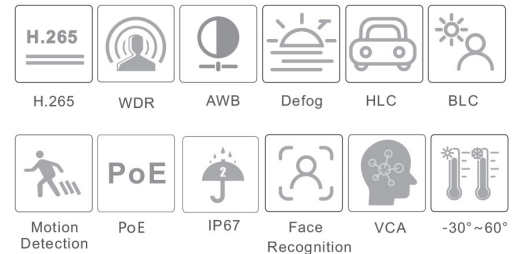
CAMERA

# HP-97B20PE-AIFR

2MP HD Face Recognition  
Network Camera



- Starlight, area light
- 1080P ( 1920 × 1080 ) @30fps
- Support SMART H.265/H.264 coding
- 10m white light view distance; motorized zoom lens
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Support face exposure
- Built-in micro SD card slot, up to 128GB
- 1CH audio input; 1CH audio output
- DC12V/PoE power supply
- Support face exposure
- P2P function optional
- Support three streams
- Support mobile surveillance by smart phones or tablet PCs with iOS and Android OS
- Intelligent analytics: abnormal video signal detection(scene change, video tampering), face detection, face capture, face match



## SPECIFICATIONS

Specifications	Model	HP-97B20PE-AIFR
<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 LED 0.005 lux@F1.6, AGC ON; 0 lux with LED	
Lens	7~22mm@F1.6, motorized; Recommended face capturing distance: 4~10m	
Field of View	Horizontal: 44°~17.6°; Vertical:25.6°~10°; Diagonal: 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 ( 1~30fps); 50Hz:720P/D1/CIF ( 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	
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser	
Audio Compression	G711A/U	
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	
<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, 802.1x, UPnP, HTTP, HTTPS, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection; Sensor alarm; SD card full; SD card error; IP address conflict; Network disconnection	
Intelligent Analytics	Face detection, face capture, face match, video tampering detection, scene change detection	
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, face exposure	
PoE	Yes (802.3af)	
LED View Distance	10 m soft light	
Ingress Protection	IP67	
<b>Face Detection</b>		
Face Detection	Pupil distance of a facial image over 20 pixel can be detected	
Face Capturing	By precise detecting, tracing, capturing, scoring and screening the moving faces to get the most effective face snapshots	
Panorama Capturing	Support panorama capturing and self-defined information overlay, like device ID, time, etc.	

Intelligent Light Compensation	Built-in high efficient white light LEDs, time switch available
Face Picture Database	10000 face pictures
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through WEB and Face Album Manager Tool
External Face Picture Enrollment	Size: less than 70KB Format: jpg, jpeg
Face Picture Comparison Alarm	Support face trigger modes Support allow list, block list, stranger alarms
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 12W
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	Wall mounting; ceiling mounting

## DIMENSIONS

