



**CAMERA 9700 SERIES**  
2Megapixel Network Camera

**HP-97D20PE-E3-AI-F**

**2MPiXEL HD**  
Network Camera Series



# IP CAMERA

## 2MP Dome Camera

H.265	Day&Night	WDR	AWB	Defog	HLC	BLC	Motion Detection	PoE	IP67	IK 10	VCA	-30°~60°



# CAMERA 9700 SERIES

## 2Megapixel Network Camera

# IP CAMERA

## 2MP Dome Camera



### Feature

- \* 2MP (1920x1080) @30fps
- \* Support H.265+/ H.265/H.264/H.264/ MJPEG 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
- \* 1CH alarm input and 1CH alarm output
- \* 1CH audio input and 1CH built-in MIC
- \* Built-in micro SD card slot, up to 256GB
- \* DC12V/PoE power supply
- \* IP67 & IK10
- \* Support three streams
- \* Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- \* Support P2P function
- \* Intelligent analytics

# H.265

Compression Code

# 2M PIXEL HD

Network Camera Series

### Specification

Model	HP-97D20PE-E3-AI-F
Image Sensor	1 / 2.8" CMOS
Image Size	1920x1080
Electronic Shutter	Auto / Manual mode; manual: 1/3 s ~ 1/100000s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux@F1.6,AGC ON; 0 lux with IR
Lens	2.8 mm@F1.6, horizontal FoV: 103; vertical FoV: 55; diagonal FoV:125
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC / HLC / Defog	Yes
Digital NR	3D DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0-355, Tilt: 0-70, Rotation: 0-180
<b>Image</b>	
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	1080P (1920x1080), 720P (1280x720 ), D1, CIF, 480x240, VGA (640x480)
Main Stream	1080P / 720P (60Hz: 1-30fps; 50Hz: 1-25fps)
Sub Stream	720P / D1 / VGA / CIF / 480x240 (60Hz:1-30fps; 50Hz: 1-25fps)
Third Stream	D1 / CIF / 480x240 (60Hz: 1-30fps; 50Hz: 1-25fps)
Bit Rate	64 Kbps ~ 6 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, Image Flip, Image Mirror, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
<b>Interfaces</b>	
Network	RJ 45 10M/100M self-adaptive Ethernet port
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes



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### Specification

Model	HP-97D20PE-E3-AI-F
Alarm	1CH alarm input; 1CH alarm output
<b>Intelligent Analytics</b>	
Smart Event	Line crossing, region intrusion / entrance / exiting (human / vehicle classification), abandoned / missing object detection, crowd density detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and abnormal color detection
Face Detection	Face detection and face capture
<b>Functions</b>	
Remote Monitoring	Web Browser / TVT NVMS2.0 / NVR / 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 8 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 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
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP
PoE	Yes , IEEE802.3af
IR Distance	20 ~ 30 m
Ingress Protection	IP67&IK10
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 6W
Storage Conditions	- 30C ~ 65C (-22F~149F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30C ~ 60C (-22F~140F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	119x87.8
Weight (net)	Approx. 0.65KG