

**HP-97B202PE-M**

**2M PIXEL**  
Network Camera Series



**9700 SERIES**

2Megapixel Network Camera

**H5PLUS**  
Compression



# 9700 SERIES

## 2Megapixel Network Camera



### Feature

- \* H.265+ /H.265 / H.264+ / H.264/ MJPEG coding
- \* Max.resolution: 2MP (1920x1080)
- \* ICR auto switch, true day / night vision
- \* 3D DNR, WDR, HLC, BLC, smart IR, etc.
- \* ROI coding
- \* 20~30m IR night view distance
- \* Built-in micro SD card slot, up to 256GB
- \* DC12V/PoE power supply
- \* IP 67 ingress protection
- \* Support dual streams
- \* Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- \* Intelligent analytics



### Specification

1/2

Model	HP-97B202PE-M
Image Sensor	1 / 2.8 "CMOS
Image Size	1920x1080
Electronic Shutter	1/3s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.008 lux @F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV: 107°; Vertical FoV:56°; Diagonal FoV:126°
Focus	Fixed
Lens Mount	M12
Day&Night	ICR
Wide Dynamic Range	Digital WDR
BLC / HLC	Yes
Digital NR	Yes
Angle Adjustment	Pan: 0~360°; Tilt:0~80°; Rotation: 0~360°
<b>Image</b>	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 MJPEG
H.265 Compression Standard	Main Profile@Level4.1 High Tier
Resolution	1080P (1920x1080), 720P (1280x720), D1, CIF
Main Stream	60Hz: 1080P/720P(1~30fps); 50Hz: 1080P/720P(1~25fps)
Sub Stream	60Hz: D1/CIF (1~30fps); 50Hz: D1/CIF (1~25fps)
Bit Rate	128 Kbps ~ 4 Mbps
Bit Rate Type	VBR / CBR
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
<b>Interfaces</b>	
Network	RJ45
Audio	1CH audio input

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### Specification

2/2

Model	HP-97B202PE-M
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
<b>Functions</b>	
Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP
Web Browser	IE (plug-in required) / Google Chrome / Edge Firefox / Safari
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card full, SD card error
Smart Event	Video Exception (scene change, video blur and video cast detection), line crossing detection and region intrusion detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock
PoE	Yes, IEEE802.3af
IR Distance	20 ~ 30 m
Ingress Protection	IP67
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 4.5W
Operating Environment	- 30C ~ 60C (-22F~140F) Humidity: less than 95 % (non-condensing)
Storage Environment	- 30C ~ 65C (-22F~149F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	167.5x74.5x74.5
Weight (net)	Approx. 0.38KG