

# 9700 SERIES

4Megapixel Network Camera



**[Ai] CAMERA**  
4MP Face Detection

**4M**  
Pixel

 **VCA**  
Support

 **H.265**  
**H.264**  
Compression

 **ONVIF**  
Support

 **DAY & Night**  
Support

 **WDR**  
Support

 **BLC**  
Support

 **AGC**  
Support

 **PoE**  
Support

# H5 PLUS

Compression



# 9700 SERIES

## 4Megapixel Network Camera



## Feature

- \* Smart H.265/H.265+/H.265/Smart H.254/H.254+ H.254/MJPEG coding
- \* Max. resolution: 2592 x 1520
- \* ICR auto switch, true day / night vision
- \* 3D DNR, true WDR, HLC, BLC, Defog, NIR Smart IR and ROI coding
- \* Support image distortion correction
- \* Built-in micro SD card slot; up to 256GB
- \* 1CH audio input; 1CH audio output; 1CH built-in MIC
- \* 2CH alarm input; 2CH alarm output
- \* AC24V/DC12V/PoE power supply
- \* Support three streams
- \* Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- \* Intelligent analytics

## Specification

1/2

Model	HP-97S402PE-E3-AI
Image Sensor	1 / 3 "CMOS
Image Size	2592 x 1520
Electronic Shutter	1/3s ~ 1/10000s
Iris Type	DC Iris
Min. Illumination	Color: 0.0028 lux@F1.2,AGC ON B&W: 0.001 lux@F1.2,AGC ON
Lens Mount	CS
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Image	
Video Compression	Main stream: Smart H.265 / H.265+ / H.265 Smart H.264 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	4MP(2592x1520), 2K(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720), D1, CIF, 480 240
Main Stream	4MP/2K/3MP/1080P/720P (1~30fps; 50Hz: 1~25fps) HFR mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF/480x240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480x240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
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
Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)
Statistics	Target counting by line/area, heat map

# H5 PLUS

Compression

# 9700 SERIES

## 4Megapixel Network Camera



### Feature

- \* Smart H.265/H.265+/H.265/Smart H.254/H.254+ H.254/MJPEG coding
- \* Max. resolution: 2592 x 1520
- \* ICR auto switch, true day / night vision
- \* 3D DNR, true WDR, HLC, BLC, Defog, NIR Smart IR and ROI coding
- \* Support image distortion correction
- \* Built-in micro SD card slot; up to 256GB
- \* 1CH audio input; 1CH audio output; 1CH built-in MIC
- \* 2CH alarm input; 2CH alarm output
- \* AC24V/DC12V/PoE power supply
- \* Support three streams
- \* Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- \* Intelligent analytics

### Specification

2/2

#### Model

HP-97S402PE-E3-AI

Exception Detection	Scene change, video blur and video cast detection
Face Detection	Face detection and face capture
Other Events	Abandoned / missing object detection
Interfaces	RJ45
Video Output	CVBS output (BNC x 1)
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Alarm	2CH alarm input; 2CH alarm output
RS 485	Yes
<b>Functions</b>	
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP
Web Browser	IE(plug-in required)/Google Chrome/Edge/Firefox/Safari
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, DHCP, NTP, RTSP, RTMP, 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 detection, SD card error, SD card full, IP address conflict, cable disconnection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, image distortion correction, corridor pattern
PoE	Yes , IEEE802.3af
Weather-proof Grade	No
<b>Others</b>	
Power Supply	AC24V/DC12V/PoE
Power Consumption	< 11W
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)	160.8 x 79 x 64
Weight (net)	Approx. 0.5KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC

# H5 PLUS

Compression