



**IP CAMERA SERIES**  
2Megapixel Network Camera



**2M PIXEL HD**  
Network Camera Series

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



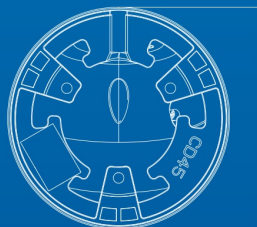
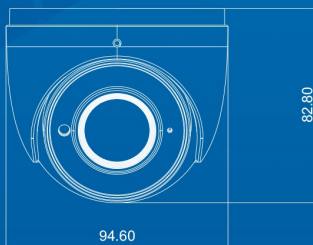
# IP CAMERA SERIES

## 2Megapixel Network Camera



- 2MP ( 1920 × 1080 ) H.265 full real time coding
- ICR auto switch, true day / night
- 20 ~ 30m IR night view distance
- Starlight
- 3D DNR, Digital WDR, HLC, BLC and Defog
- ROI coding
- Hardware reset
- Built-in micro SD card slot, up to 128GB
- PoE power supply optional
- IP67 ingress protection;
- Support dual streams
- Support mobile surveillance by smart phones with iOS and Android OS

### DIMENSIONS



Specifications	Model	HP-97D20STPE
<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 @F1.85, horizontal field of view: 99.7° 3.6 mm @F1.6, horizontal field of view: 92.4°	
Lens Mount	M12	
Wide Dynamic Range	Digital WDR	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~75°; Rotation: 0°~360°	
<b>Image</b>		
Video Compression	H.265 / 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( 1 ~ 30fps ) / 720P( 1 ~ 30fps ) 50Hz: 1080P( 1 ~ 25fps ) / 720P( 1 ~ 25fps )	
Sub Stream	60Hz: D1/CIF/480x240 (1~30fps); 50Hz: D1/CIF/480x240 (1~25fps)	
Bit Rate	128 Kbps ~ 4Mbps	
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	
Video Output	NO	
Audio	NO	
Storage	Built-in micro SD card slot; up to 128GB	
Hardware Reset	Yes	
<b>Functions</b>		
Remote Monitoring	Web browsing, CMS remote control	
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, 802.1x, UPnP, HTTPs, HTTP, 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, illegal login lock	
PoE	Optional	
IR Distance	20 ~ 30 m	
Ingress Protection	IP67	
<b>Others</b>		
Power Supply	DC12V	
Power Consumption	< 5W	
Operating Environment	- 30 °C ~ 60 °C (-22°F ~ 140°F) Humidity: less than 95 % (non-condensing)	
Dimensions ( mm )	Φ 94.6 × 82.8	
Weight ( net )	Approx. 0.45KG	
Installation	Ceiling mounting ( wall mounting available with the junction box and bracket)	

