

CAMERA

# HP-97D20VPE

## 2MP IR Water-Proof Turret Network Camera



- 2MP ( 1920 × 1080 ) H.265 full real time coding
- Max. resolution: 1920 × 1080; ICR auto switch, true day / night
- 30 ~ 50m IR night view distance
- 3D DNR, digital WDR, HLC, BLC and ROI coding
- 1CH built-in MIC
- Built-in micro SD card slot, up to 128GB
- DC12V/PoE power supply
- IP67 ingress protection
- Support three streams
- Support mobile surveillance by smart phones and tablet PCs with iOS or Android OS
- Intelligent analytics



## SPECIFICATIONS

Specifications	Model	HP-97D20VPE
<b>Camera</b>		
Image Sensor	1 / 2.8 "CMOS	
Image Size	1920 × 1080	
Electronic Shutter	1 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.0035 lux@F1.2,AGC ON; 0 lux with IR 0.009 lux@F1.6,AGC ON; 0 lux with IR	
Lens	2.8~12mm@F1.4, manual zoom lens	
Field of View	Horizontal: 88-34.8°; Vertical: 57-20°; Diagonal: 96-39.6°	
Lens Mount	Ø14	
Wide Dynamic Range	Digital WDR	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°	
<b>Image</b>		
Video Compression	H.265 / H.264	
H.265 Compression Standard	Main Profile@ Leve4.1 High Tier	
Resolution	1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240	
Main Stream	60Hz : 1080P / 720P ( 1 ~ 30fps ); 50HZ : 1080P / 720P ( 1 ~ 25fps )	
Sub Stream	60Hz : D1 / CIF ( 1 ~ 30fps ); 50HZ : 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	
Audio Compression	G711A / U	
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
<b>Interfaces</b>		
Network	RJ 45	
Video Output	No	
Audio	Built-in MIC × 1	
Storage	Built-in micro SD card slot; up to 128GB	
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, HTTP, FTP, 802.1x, UPnP, HTTPs, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection, SD card error, SD card full	
Intelligent Analytics	Video blur detection, scene change detection, line crossing detection and region intrusion detection, object removal detection(object left/missing)	
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock	
PoE	Yes, IEEE802.3af	
IR Distance	30 ~ 50 m	
Ingress Protection	IP 67	

Others	
Power Supply	DC12V(PoE power supply optional)
Power Consumption	< 7.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Φ 111.5 × 99.6
Weight ( net )	Approx. 0.64KG
Installation	Ceiling mounting ( wall mounting available with the junction box and bracket)
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

## DIMENSIONS

