

HP-97B20PEL-M

2M PIXEL
Network Camera Series



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H5PLUS
Compression

9700 SERIES
2Megapixel Network Camera

9700 SERIES

2Megapixel Network Camera



Feature

- * 2MP (1920 x 1080) H.265 coding
- * Max.resolution: 1920 x 1080
- * 10 ~ 20m white light view distance
- * 24/7 full color imaging
- * 3D DNR, digital WDR, HLC, BLC, defog
- * 1CH built-in microphone
- * DC12V/PoE power supply
- * IP 67 ingress protection
- * Support dual streams
- * Support mobile surveillance by smart phones with iOS and Android OS
- * Intelligent analytics: video exception detection, line crossing detection and region intrusion detection



Specification

Model	HP-97B20PEL-M
Image Sensor	1/3"CMOS
Image Size	1920x1080
Electronic Shutter	1/3s ~ 1/100000s
Iris Type	Fixed Iris
Min. Illumination	0.0462 lux @ F2.2, AGC ON; 0 lux with LED ON
Lens	2.8mm@F2.2, H.FoV: 87°; V.FoV: 48°; D.FoV: 103°
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	Digital WDR
BLC / HLC / Defog	Yes
Digital NR	3D DNR
S/N Ratio	≥ 50dB
Angle Adjustment	Pan: 0~360°; Tilt: 0~80°; Rotation: 0~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264
H.265 Compression	Main Profile@Level4.1 High Tier
Resolution	1080P (1920x1080), 720P (1280x720), D1, VGA (640x480), CIF, 480x240
Main Stream	1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	D1 / VGA / CIF / 480x240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 4 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A/U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image flip, image mirror, Sharpness, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45

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Specification

Model	HP-97B20PEL-M
Video Output	No
Audio	1CH built-in microphone
Storage	No
Reset	No
Functions	
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP
Online Connection	Support simultaneous monitoring for up to 3 users Support multi-stream real time transmission
Network Protocol	IPv4,IPv6, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x,UPnP,HTTP,HTTPS,SNMP, QoS
Interface Protocol	ONVIF
Storage	Network remote storage
Smart Alarm	Motion detection
Intelligent Analytics	Region intrusion detection, video blur detection, scene change detection, abnormal color detection, line crossing detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock
PoE	Yes, IEEE802.3af
White Light Range	10 ~ 20m
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 5.5W
Operating Environment	- 20°C ~ 55°C (-4°F ~ 131°F) Humidity less than 95 % (non-condensing)
Dimensions (mm)	162.1 x 74.8 x 73.8
Weight (net)	Approx. 0.24KG