hi-view®

HP-97B202PEL-M

H.265
Compression Code

2MPIXEL HD
Network Camera Series

IP CAMERA
2MP Full Color Bullet Camera

H.265	WDR	AWB	HLC	BLC	Smart Supplement Light	Motion Detection	PoE	IP67	VCA	-40°~60°

hi-view®

CAMERA 9700 SERIES
2Megapixel Network Camera

Feature

* H.265+ /H.265 /H.264+ /H.264/MJPEG coding

* Max. resolution: 2MP (1920x1080) Auto day/night switch

* 3D DNR, HWDR, HLC, BLC, etc.

* ROI coding

* Support smart supplement light

* 20~30m white light view distance;
  20~30m IR view distance

* DC12V/PoE power supply

* IP 67 ingress protection

* Support three streams

* Support remote monitoring by smart phones& tablet PCs
  with iOS and Android OS

* Support P2P function, Support SMD

* Support line crossing detection, region intrusion detection,
  abandoned/missing object detection,
  video exception detection

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Specification

Model	HP-97B202PEL-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 illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 107°; Vertical FoV: 56°; Diagonal FoV: 126°
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	120dB
BLC / HLC / Digital NR	Yes
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/MJPEG
	Third stream: H.265+/H.265/H.264+/H.264/MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	1080P (1920x1080), 720P (1280x720), D1, VGA (640x480), 480x240, CI
Main Stream	1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	D1/VGA/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/480x240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 6 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
Audio Compression	G711A/U
ROI	Each ROI to be configured separately

Interfaces	
Network	RJ45
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes

Functions	
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 4 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card full, SD card error
Smart Event	Video Exception (scene change, video blur and abnormal color detection) line crossing /region intrusion detection(human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection
General Function	Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern
PoE	Yes (IEEE802.3af)
Supplement Light Range	IR range: 20~30 m; white light range: 20~30 m
Ingress Protection	IP67
Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP

Others	
Power Supply	DC12V/PoE
Power Consumption	< 6W
Storage Conditions	-30°C~65°C (-22°F~149°F); Humidity: less than 95 % (non-condensing)
Operating Conditions	-40°C~60°C (-40°F~140°F); Humidity: less than 95 % (non-condensing)
Dimensions (mm)	167.6 x 75 x 74.6
Weight (net)	Approx. 0.45KG