

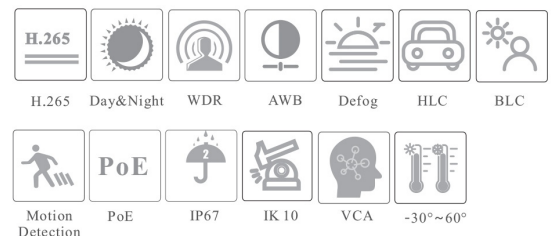
CAMERA

HP-97D202ABFPE-E3-AI

2MP IR Starlight Dome Network Camera



- 2MP (1920 × 1080) @30fps
- H.265+/ H.265/H.264/H.264/ MJPEG coding
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- Motorized zoom lens
- Starlight
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support corridor mode
- Support image distortion correction
- 1CH built-in MIC; 1CH audio output and 1CH audio input
- 1CH alarm input and 1CH alarm output
- Built-in micro SD card slot, up to 256GB
- AC24V/DC12V/PoE power supply
- IP67 & IK10
- Support three streams
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



SPECIFICATIONS

Specifications	Model	HP-97D202ABFPE-E3-AI
Camera		
Image Sensor	1 / 2.8" CMOS	
Image Size	1920 × 1080	
Electronic Shutter	1 s ~ 1 / 100000 s	
Iris Type	DC Iris	
Min. Illumination	0.0038 lux@F1.4, AGC ON; 0 lux with IR	
Lens	2.8~12mm@F1.4, motorized	
Field of View	Horizontal: 103°~32°; Vertical: 70.5°~18.3°; Diagonal: 110.6°~36.4°	
Lens Mount	Φ14	
Day & Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°	
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.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
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: 720P/D1/CIF (1~30fps); 50Hz: 720P/D1/CIF (1~25fps)	
Third Stream	60Hz: D1/CIF /480×240 (1~30fps); 50Hz: D1/CIF/480×240 (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	
Interfaces		
Network	RJ45	
Video Output	CVBS (BNC × 1)	
Audio	1CH audio input; 1CH audio output; Built-in MIC × 1	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Alarm	1CH alarm input; 1CH alarm output	
Intelligent Analytics (Smart Events)		
Perimeter Protection	Line crossing, intrusion (human/motor vehicle/non-motor vehicle classification)	
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting	
Exception Detection	Scene change, video blur and video color cast detection	
Face Detection	Face detection and face capture	
Functions		
Remote Monitoring	Web browsing, CMS remote control	
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection, sensor alarm, 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	

PoE	Yes, IEEE802.3af
IR Distance	30 ~ 50 m
Ingress Protection	IP67&IK10
Others	
Power Supply	AC24V/DC12V/PoE
Power Consumption	< 10.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F ~ 140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Φ 141 × 100.2
Weight (net)	Approx. 0.89KG
Installation	Ceiling mounting (wall mounting available with the junction box and bracket)
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

DIMENSIONS

