

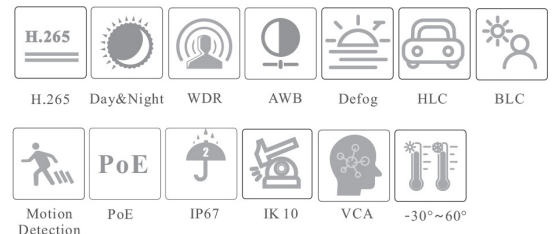
CAMERA

# HP-97D202ABFPE-E3-AI

## 2MP IR Starlight Dome Network Camera



- 2MP (1920 × 1080) @30fps
- H.265+ / H.265 / 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
<b>Camera</b>		
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°
<b>Image</b>		
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
<b>Interfaces</b>		
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
<b>Intelligent Analytics (Smart Events)</b>		
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
<b>Functions</b>		
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
<b>Others</b>	
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

