

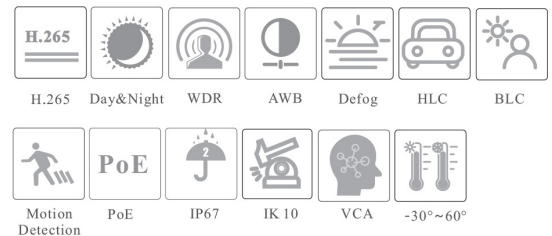
CAMERA

HP-97D20ABF-E3-AI

2MP IR Starlight Dome Network Camera



- 2MP (1920 × 1080) @30fps
- Support smart H.265/H.264 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
- 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-97D20ABF-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 0.0028 lux@F1.2, 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: Smart H.265 / H.265+ / H.265 / Smart H.264 / 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/480×240 (1~30fps); 50Hz:720P/D1/CIF/480×240 (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		RJ 45
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, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)
Target Counting		Line crossing counting, region intrusion counting, heat map
Exception Detection		Scene change, video blur and video color cast detection
Face Detection		Face detection and face capture
Object Detection		Abandoned object detection, missing object detection
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, password protection, image distortion correction
PoE	Yes, IEEE802.3af
IR Distance	30 ~ 50 m
Ingress Protection	IP67&IK10
Others	
Power Supply	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

