

DH-IPC-HFW8281E-Z

2MP Starlight WDR Ultra-Smart Network Camera



Features

- 1/1.9" 2 Megapixel progressive scan CMOS
- Support H.264,MJPEG dual codec
- Smart triple streams supported
- Max 50/60fps@1080P
- Light-Hunt: 0.005Lux/F1.65 (Color)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart detection
- Intelligent Function
- 4~8mm varifocal motorized lens

DH-IPC-HFW8281E-Z

• Technical Specifications

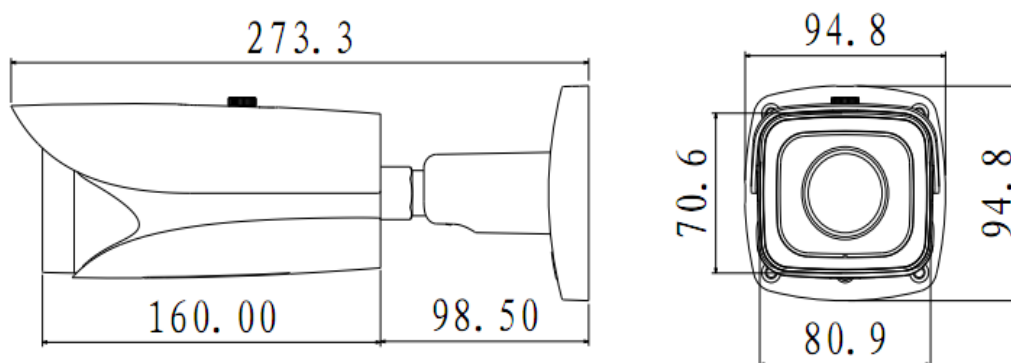
Model		DH-IPC-HFW8281EP-Z		DH-IPC-HFW8281EN-Z	
Camera					
Image Sensor		1/1.9" 2Megapixel CMOS			
Effective Pixels		1920(H)x1080(V)			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual, 1/3~1/10000s		Auto/Manual, 1/4~1/10000s	
Min. Illumination		0.005Lux/F1.65 (Color),0Lux/F1.65(IR on)			
S/N Ratio		More than 50dB			
Video Output		1 port			
Camera Features					
Max. IR LEDs Length		50m			
Day/Night		Auto(ICR)/Color/B/W			
Backlight Compensation		BLC / HLC / WDR(120 dB)			
White Balance		Auto/Manual			
Gain Control		Auto/Manual			
Noise Reduction		3D			
Privacy Masking		Up to 4 areas			
EIS		Support			
Ultra Defog		Support			
Lens					
Focal Length		4~8mm motorized			
Max Aperture		F1.65			
Focus Control		Auto			
Angle of View		H:90°(Wide)~58°(Tele)			
Lens Type		Motorized /Auto Iris(DC)			
Mount Type		Board-in type			
Video					
Compression		H.264/MJPEG			
Resolution		1080P(1920×1080)/720P(1280×720)/D1(704×576)/CIF(352×288)		1080P(1920×1080)/720P(1280×720)/D1(704×480)/CIF(352×240)	
Frame Rate	Main Stream	1080P/720P(1 ~ 50/60fps)			
	Sub Stream	D1/CIF(1 ~ 50/60fps)			
	Third Stream	1080P/720P/D1(1 ~ 25/30fps)			
Bit Rate		H.264: 32K ~ 8192Kbps			
ROI		Up to 4 areas			
Audio					
Compression		G.711a/G.711u			
Interface		1/1 channel In/Out			
Smart Function					
		Tripwire			

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Smart detection	Intrusion
	Scene change
	Missing/Abandoned
	Audio detect
	Defocus detect
	Face detect
Intelligent function	People counting
	Heat map
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
Compatibility	ONVIF, PSIA, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
Alarm	2/1 channel In/Out
General	
Power Supply	DC12V(AC24V optional), PoE (802.3af)
Power Consumption	<12.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Dimensions	272.90mm × 94.8mm× 94.8mm
Weight	1.25kg

DH-IPC-HFW8281E-Z

Dimensions (mm)



Accessory (optional)

		
PFA121	PFA152	PFA151

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*Design and specifications are subject to change without notice.

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