

## DH-IPC-HFW8301E-Z

3Megapixel Full HD WDR Smart Network Motorized IR Camera



### Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- Support H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@3MP(2048x1536)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart IR technology
- Smart detection:
  - Face detection
  - Tripwire detection
  - Intrusion detection
  - Scene change detection
- 3 ~9mm varifocal motorized lens
- Max. IR LEDs length 30m
- Micro SD memory, IP66, PoE,

# DH-IPC-HFW8301E-Z

## Technical Specifications

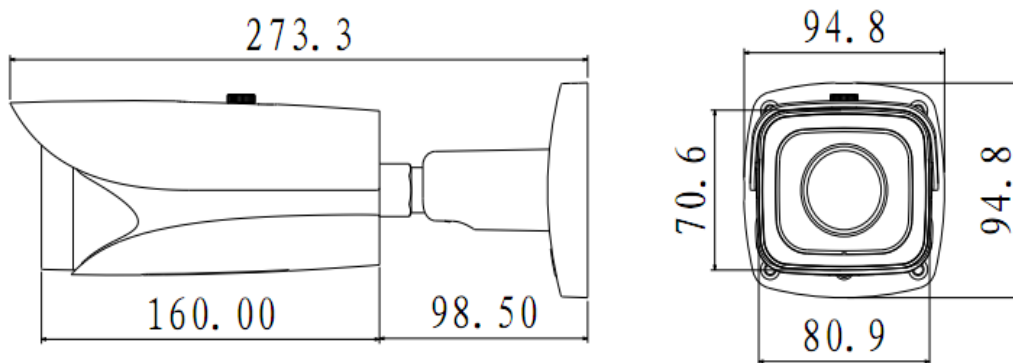
Model	DH-IPC-HFW8301EP-Z	DH-IPC-HFW8301EN-Z
<b>Camera</b>		
Image Sensor	1/3" 3Megapixel Aptina CMOS	
Effective Pixels	2048(H)x1536(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000s	Auto/Manual, 1/4~1/10000s
Min. Illumination	0. 01Lux/F1.4( Color), 0Lux/F1.4(IR on)	
S/N Ratio	More than 50dB	
Video Output	1 port	
<b>Camera Features</b>		
Max. IR LEDs Length	30m	
Day/Night	Auto(ICR)/Color/B/W	
Backlight Compensation	BLC / HLC / WDR(120dB)	
White Balance	Auto/Manual	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
<b>Lens</b>		
Focal Length	3 -9mm motorized	
Max Aperture	F1.4	
Focus Control	Auto	
Angle of View	H: 86.5°(Wide)~28.6°(Tele)	
Lens Type	Motorized /Auto Iris(DC)	
Mount Type	Board-in Type	
<b>Video</b>		
Compression	H.264/MJPEG	
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720) /D1(704×576) /CIF(352×288)	
Frame Rate	Main Stream	3M/1080P (1~25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 48K ~ 8192Kbps	
<b>Audio</b>		
Compression	G.711a / G.711u/ PCM	
Interface	1/1 channel In/Out	
<b>Smart Function</b>		
Smart detection	Tripwire	
	Intrusion	
	Scene change	
	Missing/Abandoned	
	Audio detect	
	Face detect	

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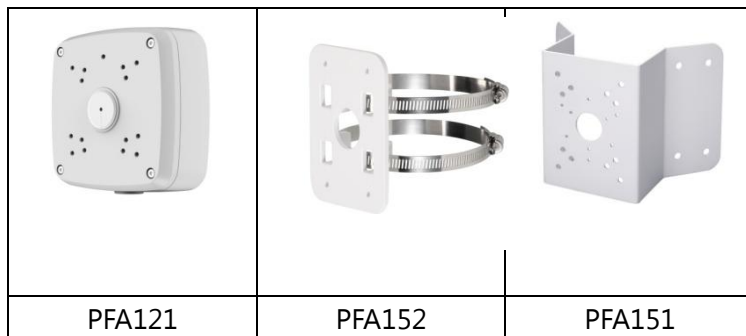
<b>Network</b>	
Ethernet	RJ-45 (10/100/1000Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 64GB
Alarm	1/1 channel In/Out
<b>General</b>	
Power Supply	DC12V(AC24V optional), PoE (802.3af)
Power Consumption	<9W(IR on: +3W)
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Dimensions	273.3mm × 94.8mm× 94.8mm
Weight	1.3kg

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## Dimensions (mm)



## Accessory (optional)



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\*Design and specifications are subject to change without notice.

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