

## DH-IPC-HFW8331E-Z

### 3 Megapixel Full HD WDR Smart Network Motorized IR Camera



#### Features

- 3 Megapixel progressive scan
- Support H.265/H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@3MP(2048x1536)
- Ultra WDR up to 140dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart detection
- Intelligent Function
- 2.8 ~12mm varifocal motorized lens
- Max. IR LEDs length 50m
- Micro SD memory, IP66, PoE

# DH-IPC-HFW8331E-Z

## Technical Specifications

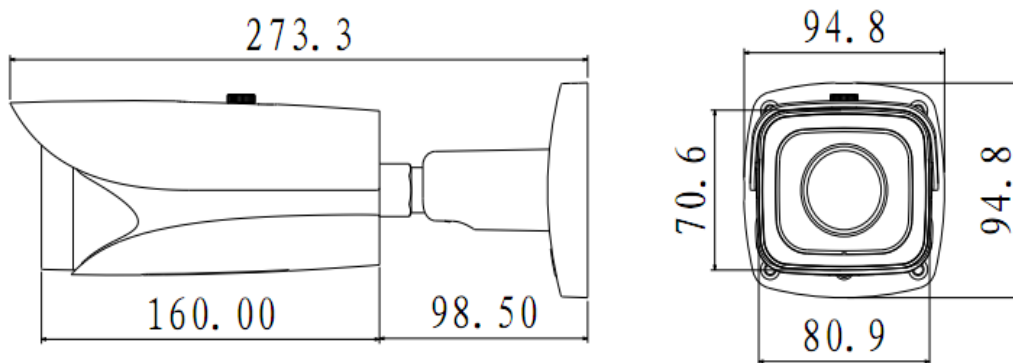
<b>Model</b>	<b>DH-IPC-HFW8331E-Z</b>
<b>Camera</b>	
Image Sensor	1/3" 3 Megapixel
Effective Pixels	2048(H)x1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000s
Min. Illumination	0.01Lux/F1.4( Color), 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
Video Output	1 port (Composite Video)
<b>Camera Features</b>	
Max. IR LEDs Length	50m
Day/Night	Auto(ICR)/Color/B/W
WDR	140dB Dual Shutter WDR
Backlight Compensation	BLC / HLC / Ultra WDR(140dB)
White Balance	Auto/Manual
Image Setting	Brightness, Contrast, Compression, Sharpness, AWB, AES, AGC, Auto and Manual D&N Mode, WDR, Privacy Masking 4 Areas.
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
<b>Lens</b>	
Focal Length	2.8 -12mm motorized varifocal
Max Aperture	F1.4
Focus Control	Auto
Angle of View	H: 81.2°(Wide)~25.8°(Tele)
Lens Type	Motorized /Auto Iris(DC)
Mount Type	Board-in Type
<b>Video</b>	
Compression	H.265/H.264/MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576)/CIF(352×288)
Frame Rate	3MP/1080P (25/30fps)
No. of Streams	3 Independent Streams (Triple Streaming)
Bit Rate	H.264: 40K ~ 10Mbps
<b>Audio</b>	
Compression	G.711a / G.711u/AAC
Interface	1/1 channel In/Out
<b>Smart Function</b>	
Smart detection	Tripwire
	Intrusion
	Scene change
	Missing/Abandoned

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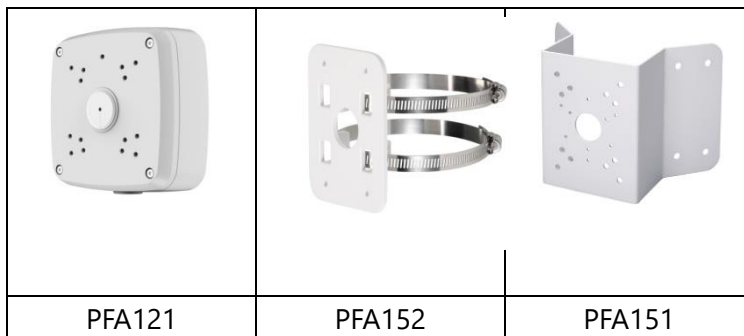
	Audio detect
	Face detect
Intelligent function	People counting
	Heat map
Alarm Trigger	Intelligent Video, Network loss/Disconnect, Smart Functions, Motion Detection, Periodical timer configurable
Alarm Event	FTP Upload, Event Snapshot Upload, External Alarm Output, Event/Video/Snapshot recording to SD Card, Event Pop-up in PSS Client/Web client, Alarm Log Viewer.
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, RTCP, SMTP, NTP, DHCP, DNS, UPnP, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x, web Client/PSS Client (NAS), ARP
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 128GB
Alarm	1/1 channel In/Out
<b>General</b>	
Power Supply	DC12V(AC24V optional), PoE (802.3af)
Power Consumption	Max 11W
Working Environment	-40°C~+60°C, Less than 95% RH
Ingress Protection	IP66 Weather & Vandal Proof
Dimensions	273.3mm × 94.8mm × 94.8mm
Weight	1.4kg
Approvals	FCC Part 15 subpart B, CE EN55022 Class B, EN55024, UL, ROHS, LVD

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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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