

## DH-IPC-HFW5431E-Z

---

### 4MP HD WDR Network IR Bullet Camera



### Features

- 1/3" 4Megapixel progressive scan CMOS
- H.265&H.264 dual-stream encoding
- Max 25/30fps@4Mp(2688×1520)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7mm ~12mm motorized lens
- 2/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 50m
- Micro SD memory, IP67, PoE

# DH-IPC-HFW5431E-Z

## Technical Specifications

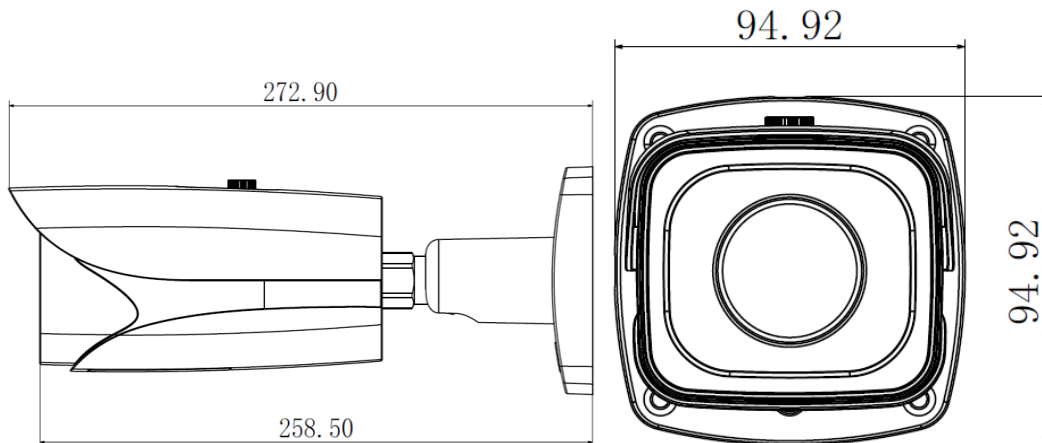
<b>Model</b>	<b>DH-IPC-HFW5431E-Z</b>	
<b>Camera</b>		
Image Sensor	1/3" 4Megapixel progressive scan CMOS	
Effective Pixels	2688(H) x 1520(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s	
Min. Illumination	0.03Lux/F1.4(Color),0Lux/F1.4(IR on)	
S/N Ratio	More than 50dB	
Video Output	1 port	
<b>Camera Features</b>		
Max. IR LEDs Length	50m	
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC /WDR(120dB)	
White Balance	Auto/Sunny/Night/Outdoor/Customized	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
<b>Lens</b>		
Focal Length	2.7mm~12mm	
Max Aperture	F1.4	
Focus Control	Motorized	
Angle of View	H: 100°~34° V: 53°~20°	
Lens Type	Motorized/ Auto Iris(DC)	
Mount Type	Board-in Type	
<b>Video</b>		
Compression	H.265/H.264	
Resolution	4M(2688x1520)/4M(2560x1440)/3M(2304x1296)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)	
Frame Rate	Main Stream	4Mp(1~25/30fps)
	Sub Stream	D1(1 ~ 25/30fps)
	Third Stream	720P(1-25/30fps)
Bit Rate	H.264: 32K ~ 10Mbps H.265:24K ~ 6Mbps	
Corridor Mode	Support	
<b>Audio</b>		
Compression	G.711a/ G.711u/AAC	
Interface	1/1 channel In/Out	
<b>Smart Function</b>		
Smart detection	Tripwire	
	Intrusion	
	Abandoned/Missing	
	Scene Change	

## DH-IPC-HFW5431E-Z




	Audio detect
	Face detect
<b>Network</b>	
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,802.1x
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 128GB
RS485	N/A
Alarm	2/1 channel In/Out
PIR Sensor Range	N/A
<b>General</b>	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	<11.5W (with IR on, motorized lens working)
Working Environment	-40°C~+60°C, Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A
Dimensions	272.9 mm × 94.9mm× 94.9mm
Weight	1.1kg

# DH-IPC-HFW5431E-Z

## Dimensions (mm)



## Accessory (optional)

PFA121	PFA151	PFA152
		

### Dahua Technology Co., Ltd.

1199 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: [overseas@dahuatech.com](mailto:overseas@dahuatech.com)

[www.dahuasecurity.com](http://www.dahuasecurity.com)

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

© 2015 Dahua Technology Co., Ltd.