

## DH-IPC-HDB(W)8301-Z

3Megapixel Full HD WDR Intelligent Network Motorized (IR) Dome  
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 20m (HDBW8301-Z)
- Micro SD memory, IP66, IK10, PoE,

# DH-IPC-HDB(W)8301-Z

## Technical Specifications

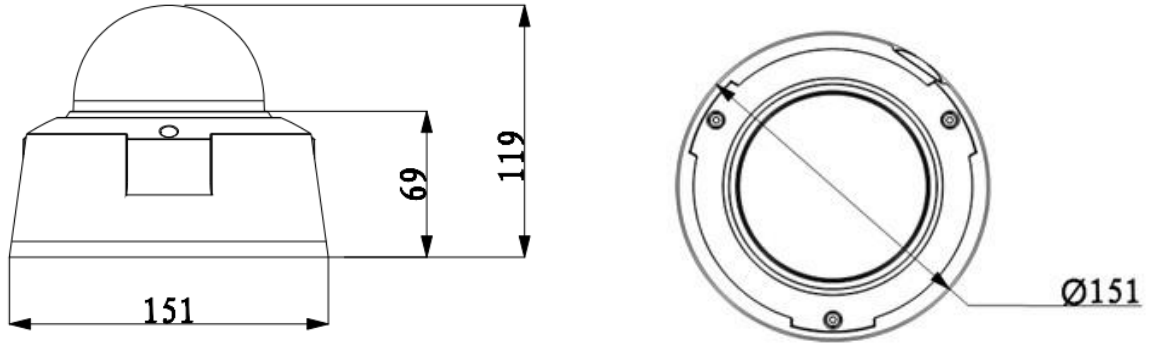
Model		IPC-HDB8301-Z	IPC-HDBW8301-Z
<b>Camera</b>			
Image Sensor	1/3" 3Megapixel Aptina CMOS		
Effective Pixels	2048(H)x1536(V)		
Scanning System	Progressive		
Electronic Shutter Speed	Auto/Manual 1/3~1/10000		
Min. Illumination	Color: 0.1Lux/F1.2, B/W: 0.01Lux/F1.2		
S/N Ratio	More than 50dB		
Video Output	1 port		
<b>Camera Features</b>			
Max. IR LEDs Length	N/A	20m Smart IR technology	
Day/Night	Auto(ICR)/Color/B/W		
Backlight Compensation	BLC / HLC / WDR (120dB)		
White Balance	Auto		
Gain Control	Auto/Manual		
Noise Reduction	3D		
Privacy Masking	Up to 4 areas		
EIS	Support		
Ultra Defog	Support		
<b>Lens</b>			
Focal Length	3 -9mm motorized		
Max Aperture	F1.4		
Focus Control	Auto		
Angle of View	H: 85.6°(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)	
	Third Stream	1080P/720P/D1(1 ~ 25/30fps)	
Bit Rate	H.264: 32K ~ 8192Kbps		
ROI	Up to 4 areas		
<b>Audio</b>			
Compression	G.711a / G.711u		
Interface	1/1 channel In/Out		
<b>Smart Function</b>			
	Tripwire		
	Intrusion		

## DH-IPC-HDB(W)8301-Z

Smart detection	Scene change
	Missing/Abandoned
	Audio detect
	Face detect
<b>Network</b>	
Ethernet	RJ-45 (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
Compatibility	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
RS485	N/A
Alarm	1/1 channel In/Out
PIR Sensor Range	N/A
<b>General</b>	
Power Supply	DC12V/AC24V, PoE(802.3af)
Power Consumption	<13.5W
Working Environment	-30°C~+60°C , Less than 95%RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ151mm×119mm
Weight	1.25kg

# DH-IPC-HDB(W)8301-Z

## Dimensions (mm)



## Accessories (optional)

				
PFA100	PFB302S	PFA132	PFA152	PFA151

---

### 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.dahuatech.com](http://www.dahuatech.com)

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

© 2014 Dahua Technology Co., Ltd.