

## DH-IPC-HDBW8301

---

### 3MP WDR Ultra-Smart Network IR Dome Camera



#### Features

- 1/3" 3 Megapixel progressive scan 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
- 100/1000M Base-T Ethernet,
- Micro SD memory, IP66, IK10, PoE,

# DH-IPC-HDBW8301

## Technical Specifications

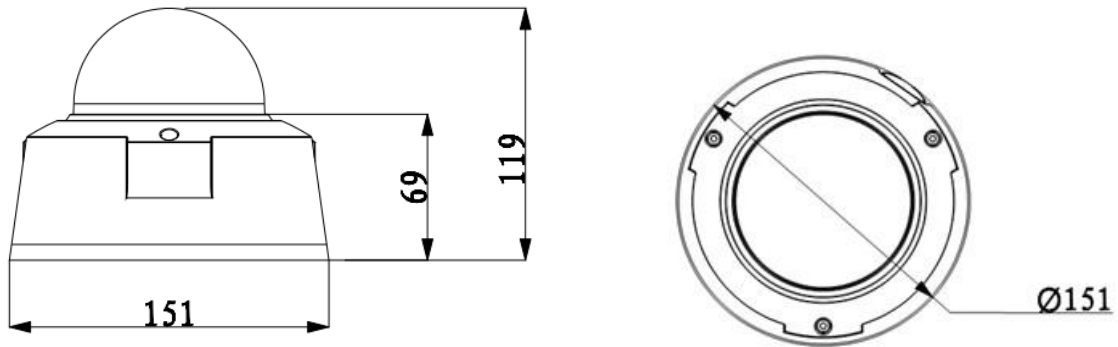
<b>Model</b>	<b>IPC-HDBW8301</b>	
<b>Camera</b>		
Image Sensor	1/3" 3Megapixel Aptina CMOS	
Effective Pixels	2048(H)x1536(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual 1/3~1/10000	
Min. Illumination	Color: 0. 1Lux/F1.2, B/W: 0.01Lux/F1.2; 0Lux/F1.2(IR on)	
S/N Ratio	More than 50dB	
Video Output	1 port	
<b>Camera Features</b>		
Max. IR LEDs Length	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	2.7 -12mm	
Max Aperture	F1.4	
Focus Control	Manual	
Angle of View	H: 82°~25°	
Lens Type	Manual/ 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(1~20fps)/1080P/720P(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>Intelligent Function</b>		
Smart detection	Tripwire	
	Intrusion	
	Scene change	

## DH-IPC-HDBW8301

	Missing/Abandoned
	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
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	Max 8W (IR on: +2W)
Working Environment	-20°C~+60°C , Less than 90%RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ151mm×119mm
Weight	1.25kg

# DH-IPC-HDBW8301

## Dimensions (mm)



## Accessories (optional)

				
PFA100	PFB300S	PFA120	PFB150	PFB151

---

### 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.