

## DH-IPC-HDW4220EM(-AS)

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2MP Full HD Network Small IR Dome Camera



### Features

- 1/2.8" 2Megapixel progressive scan CMOS
- Support H.264&MJPEG dual codec
- 25/30fps@1080P(1920×1080)
- Smart Detection supported
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm fixed lens (3.6mm,6mm optional)
- Built-in Mic (only for -AS)
- Max. IR LEDs Length 50m
- Micro SD memory (only for -AS), IP67, PoE

# DH-IPC-HDW4220EM(-AS)

## Technical Specifications

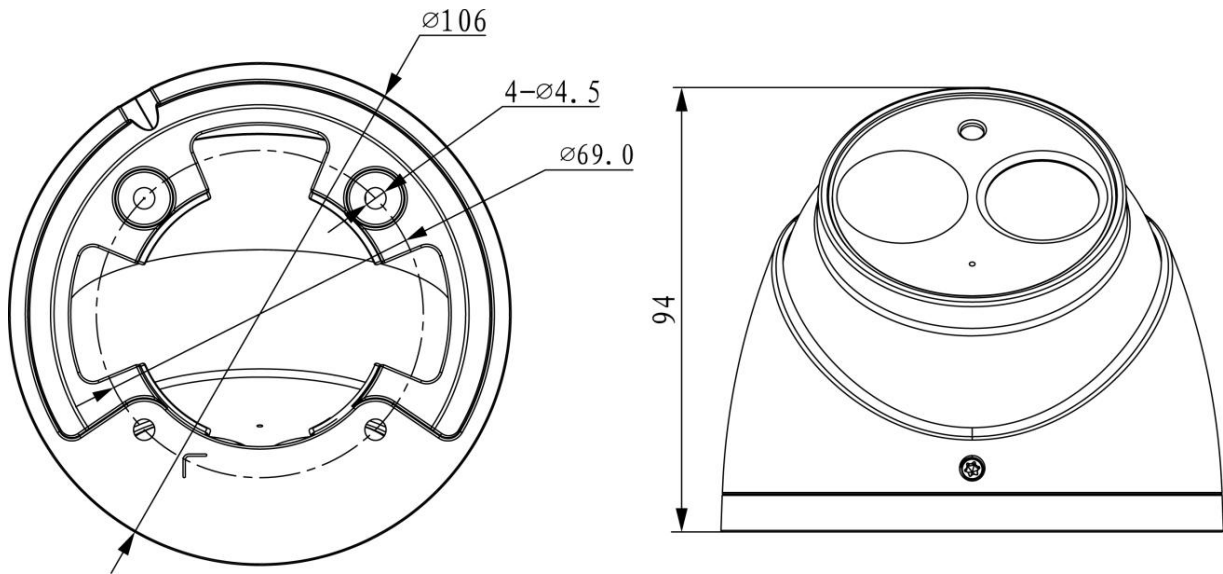
<b>Model</b>		<b>DH-IPC-HDW4220EM(-AS)</b>
<b>Camera</b>		
Image Sensor	1/2.8" 2Megapixel progressive scan CMOS	
Effective Pixels	1920(H)x1080(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s	
Min. Illumination	0.01Lux/F2.0 (Color), 0Lux/F2.0(IR on)	
S/N Ratio	More than 50dB	
Video Output	N/A	
<b>Camera Features</b>		
Max. IR LEDs Length	50m	
Day/Night	Auto(ICR)/Color/B/W	
Backlight Compensation	BLC / HLC / DWDR	
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	2.8mm(3.6mm,6mm optional)	
Max Aperture	F2.0(F2.0/F2.0)	
Focus Control	Manual	
Angle of View	110°(83°/56°)	
Lens Type	Fixed lens	
Mount Type	Board-in Type	
<b>Video</b>		
Compression	H.264/ MJPEG	
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)	
Frame Rate	Main Stream	1080P/720P(1 ~ 25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
	Third Stream	720P(1 ~ 13/4fps)
Bit Rate	H.264: 32K ~ 10Mbps	
Corridor Mode	Support	
<b>Audio</b>		
Compression	G.711a/ G.711u/ AAC(only for -AS)	
Interface	Built-in Mic(only for -AS)	
<b>Smart Function(Optional)</b>		
Smart detection	Tripwire	
	Intrusion	
	Abandoned/Missing	
	Scene Change	
	Audio detect	

## DH-IPC-HDW4220EM(-AS)

	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
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 128GB(only for -AS)
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
<b>General</b>	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 3.7W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A
Dimensions	Φ 106mm×94mm
Weight	0.47kg(0.65kg with package)

# DH-IPC-HDW4220EM(-AS)

## Dimensions (mm)



## Accessory (optional)

PFA139	PFB204W	PFA152
		

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

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