

## DH-IPC-HDBW2300RN-Z/VF

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3Megapixel Full HD Water-Proof & Vandal-Proof Network Dome Camera



### Features

- 1/3" 3Megapixel progressive Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048x1536)&30fps@1080P(1920 x1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7~12mm varifocal lens
- Max IR LEDs Length 20m
- IP66, IK10, PoE

# DH-IPC-HDBW2300RN-Z/VF

## Technical Specifications

Model	DH-IPC-HDBW2300RN-VF		DH-IPC-HDBW2300RN-Z	
<b>Camera</b>				
Image Sensor	1/3" 3Megapixel progressive scan Aptina CMOS			
Effective Pixels	2048(H)x1536(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/4~1/10000s			
Min. Illumination	0.01Lux/F1.4 (Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
<b>Camera Features</b>				
Max. IR LEDs Length	20m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
<b>Lens</b>				
Focal Length	2.7mm~12mm		2.7mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 92° ~28°		H: 92° ~28°	
Lens Type	Manual/Fixed Iris		Motorized/Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
<b>Video</b>				
Compression	H.264/ H.264H/ H.264B/ MJPEG			
Resolution	3M(2048x1536)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/CIF(352x288/352x240)			
Frame Rate	Main Stream	3M(1 ~ 20fps)/1080P (1 ~ 30fps)		
	Sub Stream	D1/CIF(1 ~ 30fps)		
Bit Rate	H.264: 56K ~ 6144Kbps			
<b>Audio</b>				
Compression	N/A			
Interface	N/A			
<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			

## DH-IPC-HDBW2300RN-Z/VF

Smart Phone	iPhone, iPad, Android, Windows Phone	
<b>Auxiliary Interface</b>		
Memory Slot	N/A	
RS485	N/A	
Alarm	N/A	
PIR Sensor Range	N/A	
<b>General</b>		
Power Supply	DC12V, PoE (802.3af)	
Power Consumption	<4.5W	<8.5W
Working Environment	-30°C~+60°C, Less than 95% RH	
Ingress Protection	IP66	
Vandal Resistance	IK10	
Dimensions	φ122mm×89mm	
Weight	0.5kg	

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## Dimensions (mm)

