

DH-IPC-HDBW2300R-Z/VF

3MP Full HD Water-Proof & Vandal-Proof Network IR Dome Camera



Features

- 1/3" 3Megapixel progressive CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048x1536)&25/30fps@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 30m
- IP66, IK10, PoE

DH-IPC-HDBW2300R-Z/VF

Technical Specifications

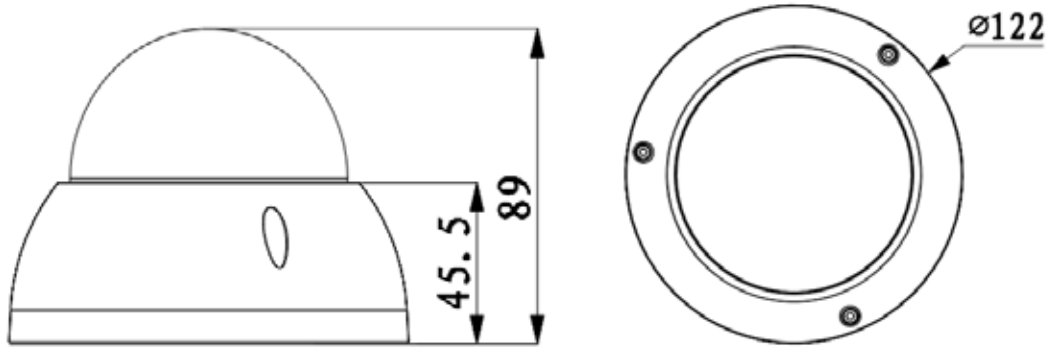
Model	DH-IPC-HDBW2300R-VF	DH-IPC-HDBW2300R-Z
Camera		
Image Sensor	1/3" 3Megapixel progressive scan CMOS	
Effective Pixels	2048(H)x1536(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s	
Min. Illumination	0.01Lux/F1.4 (Color), 0Lux/F1.4(IR on)	
S/N Ratio	More than 50dB	
Video Output	N/A	
Camera Features		
Max. IR LEDs Length	30m	
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	
Lens		
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
Video		
Compression	H.264/ H.264H/ 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 ~ 25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264H: 40K ~ 8192Kbps; MJPEG: 40K~16384Kbps	
Audio		
Compression	N/A	
Interface	N/A	
Network		
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-HDBW2300R-Z/VF

Smart Phone	iPhone, iPad, Android, Windows Phone	
Auxiliary Interface		
Memory Slot	N/A	
RS485	N/A	
Alarm	N/A	
PIR Sensor Range	N/A	
General		
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	

DH-IPC-HDBW2300R-Z/VF

Dimensions (mm)



www.simattelecom.com

Dahua Technology Co., Ltd

1199 BinAn Road, Binjiang District, Hangzhou, China

*Design and specifications are subject to change without notice.

© 2014 Dahua Technology