

# PRODUCT SPECIFICATIONS

## DH-IPC-HFW3301C

3Megapixel WDR Full HD Network IR-Bullet Camera



### Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3.0M(2048×1536)&25/30fps@1080P(1920×1080)
- WDR, Day/Night(ICR), 3DNR, Auto iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3~12mm varifocal lens
- Built-in 2/1 alarm in/out
- Max. IR LEDs length 20m
- Micro SD memory, IP66, PoE

### Technical Specifications

<b>Model</b>	<b>DH-IPC-HFW3301CP</b>	<b>DH-IPC-HFW3301CN</b>
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Camera		
Image Sensor	1/3" 3Megapixel Aptina CMOS	
Effective Pixels	2052(H) x 1536(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000s	Auto/Manual, 1/4~1/10000s
Min. Illumination	Color: 0.2Lux/F1.4, B/W: 0.01Lux/F 1.4; 0Lux/F1.2(IR on)	
S/N Ratio	>50dB	
Video Output	1 channel, BNC(1.0Vp-p, 75Ω)	
Camera Features		
Max. IR LEDs Length	20m	
Day/Night	Auto(ICR)/Color/B/W	
Backlight Compensation	BLC / HLC / WDR (100dB)	
White Balance	Auto	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
Lens		
Focal Length	3~12mm	
Max Aperture	F1.4	
Focus Control	Manual	
Angle of View	H: 91.2°(Wide)~25.5°(Tele)	
Lens Type	Manual / Auto Iris (DC)	
Mount Type	Board-in Type	
Video		
Compression	H.264 / MJPEG	
Resolution	3.0M(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×576) /	3.0M(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×480)

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		CIF(352×288) /	/ CIF(352×240)
Frame Rate	Main Stream	3M(1~20fps)/1080P/720P(1 ~ 25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
Bit Rate		H.264: 32K ~ 8192Kbps, MJPEG: 32K ~ 24576Kbps	
<b>Audio</b>			
Compression		G.711a / G.711u(64kbps) / PCM(128kbps)	
Interface		1/1 channel In/Out	
<b>Network</b>			
Ethernet		RJ-45 (10/100Base-T)	
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	
ONVIF		ONVIF Profile S	
Max. User Access		10 users	
Smart Phone		iPhone, iPad, Android, Windows Phone	
<b>Auxiliary Interface</b>			
Memory Slot		Micro SD, Max 32GB	
Alarm		2/1 channel In/Out	
<b>General</b>			
Power Supply		DC12V(AC24 optional), PoE(802.3af)	
Power Consumption		<10W	
Working Environment		-10°C~ +60°C, 10%~90%	
Ingress Protection		IP66	
Dimensions		φ104mm × 306.7mm	
Weight		1.25Kg	

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## Dimensions (mm)

