

## DH-IPC-C35

### 3MP C Series Wi-Fi Network Camera



- · 1/3" 3Megapixel progressive CMOS
- · H.264 & MJPEG dual-stream encoding
- · 20fps@3M(2304×1296)&25/30fps@2M (1920×1080)
- · 120° horizontal view angle
- · IR Distance 10m
- · Cloud support
- · Wi-Fi Support
- · Micro SD card slot, up to 128GB
- · DC5V1A





#### **System Overview**

The IR Megapixel I Fixed C-Series camera delivers 3MP resolution. The camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small Wi-Fi applications at an affordable price.

# Functions

#### True Day/Night

A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens

#### Smart IR

With IR illumination, detailed images can be captured in low light or total darkness. The camera's Smart IR technology adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object. Smart IR technology prevents IR LEDS from whiting out images as they come closer to the camera. The camera's integrated infrared illumination provides high performance in extreme low-light environments up to 10m (33ft).

#### Image flip

Capturing unnecessary data such as surrounding hallway walls can increase storage requirements without any added value. The image flip feature allows the camera's image to be rotated in 90° increments for better video optimization.

#### Protection

Supporting  $\pm 10\%$  input voltage tolerance, this camera suits even the most unstable conditions for outdoor applications. Its 6KV lightning rating provides protection against the camera and its structure from the

effects of lightning.

Image Sensor	<b>Technical Specification</b>		
Effective Pixels         2304(H) x1536(V)           RAM/ROM         256MB/16MB           Scanning System         Progressive           Minimum Illumination         0.9Lux/F2.2(Color), 0Lux/F2.2(IR on)           5/N Ratio         More than 50dB           IR Distance         Distance up to 10m(33ft)           IR On/Off Control         Auto/ Manual           IR LEDs         1           Lens         1           Lens Type         Fixed           Mount Type         Board-in           Focal Length         2.3mm           Max. Aperture         F2.2           Angle of View         H:120*,V:69*           Focus Control         Fixed           Close Focus Distance         N/A           PTZ         Pan:0* ~360* ;Tilt:-10* ~90* ;Rotation:0* ~360*           Video         Video           Compression         H.264/H.264B/H.264H.MJPEG           Streaming Capability         2 Streams           3M(2048×1536)/3M(2304×1296)/1080p(13:00x.1280)/1.3M(1280×960)/720p(1280x720)/VGA(640 ×480)/QVGA(2102x.1280)/1.3M(1280×960)/720p(1280x720)/VGA(640 ×480)/QVGA(1280×960)/720p(1280x720)/VGA(640 ×480)/QVGA(1725/30fps)           Frame Rate         VGA/QVGA(1~25/30fps)           Bit Rate         H264:32K ~ 10240Kbps           Day/Night	Camera		
RAM/ROM         256MB/16MB           Scanning System         Progressive           Minimum Illumination         0.9Lux/F2.2(Color), 0Lux/F2.2(IR on)           S/N Ratio         More than 50dB           IR Distance         Distance up to 10m(33ft)           IR On/Off Control         Auto/ Manual           IR LEDS         1           Lens         Lens Type           Fixed         Mount Type           Board-in         Focal Length           Max. Aperture         F2.2           Angle of View         H:120°,V:69°           Focus Control         Fixed           Close Focus Distance         N/A           PTZ         Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360°           Video         Compression           Streaming Capability         2 Stream           Resolution         3M(2048×1536)/3M(2304×1296)/13M(1280×960)/720P(1280×720)/VGA(640×480)/QVGA(1290×240)           Frame Rate         VGA/QVGA(1~25/30fps)           VGA/QVGA(1~25/30fps)         VGA/QVGA(1~25/30fps)           Bit Rate         H264:32K ~ 10240Kbps           Day/Night         Auto((CR) / Color / B/W	Image Sensor	1/3" 3Megapixel progressive CMOS	
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S/N Ratio   More than 50dB     IR Distance   Distance up to 10m(33ft)     IR On/Off Control   Auto/ Manual     IR LEDS   1	Scanning System	Progressive	
IR Distance   Distance up to 10m(33ft)     IR On/Off Control   Auto/Manual     IR LEDS   1     Lens     Lens   Type   Fixed     Mount Type   Board-in     Focal Length   2.3mm     Max. Aperture   F2.2     Angle of View   H:120°;V:69°     Focus Control   Fixed     Close Focus Distance   N/A     PTZ     Pan/Tilt Range   Pan:0° ~360°; Tilt:-10° ~90°; Rotation:0° ~360°     Video     Compression   H.264/H.264B/H.264H.MJPEG     Streaming Capability   2 Streams     Amgle Of View   Streams     Amgle Of View   Amgle Of View     Frame Rate   Amgle Of View     Bit Rate   Bit Rate   H264:32K~10240Kbps     Day/Night   Auto(ICR) / Color / B/W     Day/Night   Auto(ICR) / Color / B/W     Canada	Minimum Illumination	0.9Lux/F2.2(Color), 0Lux/F2.2(IR on)	
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Lens Type         Fixed           Mount Type         Board-in           Focal Length         2.3mm           Max. Aperture         F2.2           Angle of View         H:120°,V:69°           Focus Control         Fixed           Close Focus Distance         N/A           PTZ         Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360°           Video         Compression           Compression         H.264/H.264B/H.264H.MJPEG           Streaming Capability         2 Streams           Resolution         3M(2048×1536)/3M(2304×1296)/10809/139M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240)           3MP(1~20fps)2M(1~25/30fps)         GMP(1°20fps)2M(1~25/30fps)           Frame Rate         VGA/QVGA(1~25/30fps)           Bit Rate Control         CBR/VBR           Bit Rate         H264:32K ~ 10240Kbps           Day/Night         Auto(ICR) / Color / B/W	IR LEDs	1	
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Angle of View H:120°;V:69°  Focus Control Fixed  Close Focus Distance N/A  PTZ  Pan/Tilt Range Pan:0° ~360°; Tilt:-10° ~90°; Rotation:0° ~360°  Video  Compression H.264/H.264B/H.264H.MJPEG  Streaming Capability 2 Streams  Resolution 3M(2048×1536)/3M(2304×1296)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240)  Frame Rate 3MP(1~20fps)2M(1~25/30fps)  Bit Rate Control CBR/VBR  Bit Rate H264:32K ~ 10240Kbps  Day/Night Auto(ICR) / Color / B/W	Focal Length	2.3mm	
Focus Control         Fixed           Close Focus Distance         N/A           PTZ         Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360°           Video         Video           Compression         H.264/H.264B/H.264H.MJPEG           Streaming Capability         2 Streams           Resolution         3M(2048×1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/VGA(640 ×480)/ QVGA(320×240)           Frame Rate         3MP(1~20fps)2M(1~25/30fps)           Frame Rate         VGA/QVGA(1~25/30fps)           Bit Rate Control         CBR/VBR           Bit Rate         H264:32K~10240Kbps           Day/Night         Auto(ICR) / Color / B/W	Max. Aperture	F2.2	
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Frame Rate  VGA/QVGA(1~25/30fps)  Bit Rate Control  CBR/VBR  Bit Rate  H264:32K ~ 10240Kbps  Day/Night  Auto(ICR) / Color / B/W	Resolution	1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/VGA(640 ×480)/	
VGA/QVGA(1~25/30fps)  Bit Rate Control CBR/VBR  Bit Rate H264:32K ~ 10240Kbps  Day/Night Auto(ICR) / Color / B/W	Erama Pata	3MP(1~20fps)2M(1~25/30fps)	
Bit Rate H264:32K ~ 10240Kbps  Day/Night Auto(ICR) / Color / B/W	ггатте кате	VGA/QVGA(1~25/30fps)	
Day/Night Auto(ICR) / Color / B/W	Bit Rate Control	CBR/VBR	
	Bit Rate	H264:32K ~ 10240Kbps	
BLC / HLC / DWDR	Day/Night	Auto(ICR) / Color / B/W	
	BLC Mode	BLC / HLC / DWDR	

White Balance	Auto/Natural/Street Lamp/Outdoor/Manual	
Gain Control	Auto/Manual	
Noise Reduction	3D DNR	
Motion Detection	Off / On (4 Zone, Rectangle)	
Electronic Image	Support	
Smart IR	Support	
Digital Zoom	16x	
Flip	0°/90°/180°/270°	
Mirror	Off/On	
Privacy Masking	Off / On (4 Area, Rectangle)	
Audio		
Compression	G.711A;G.711Mu;AAC	
Network		
Wi-Fi	Wi-Fi(IEEE802.11b/g/n),50m(open field)	
Protocol	HTTP;HTTPs;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP; DHCP;DNS;DDNS;IPv4/v6;QoS;UPnP;NTP; Bonjour;Multicast;ICMP;IGMP;	
Interoperability	PSIA, CGI	
Streaming Method	Unicast / Multicast	
Max. User Access	10 Users/20 Users	
Edge Storage	NAS(Network Attached Storage),Local PC for instant recording,Micro SD Card(up to 128GB)	
Web Viewer	IE, Chrome, Firefox, Safari	
Management Software	Smart PSS, DSS,Lechange	
Smart Phone	iOS,Android	
Certifications		
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B	
Interface		
Video Interface	N/A	
Audio Interface	Built-in Mic & Speaker	
RS485	N/A	
Alarm	N/A	
Electrical		
Power Supply	DC5V 1A	
Power Consumption	<4.7W	

#### Environmental

Operating Conditions	-10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Strorage Conditions	-10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Ingress Protection	N/A
Vandal Resistance	N/A

#### Construction

Casing	Plastic
Dimensions	64.4mm*55.7mm*107mm(2.54" x2.19"x4.21")
Net Weight	0.135Kg(0.30lb)
Gross Weight	0.36Kg(0.79lb)

Ordering Information				
Туре	Part Number	Description		
3MP Camera	DH-IPC-C35P	3MP C Series Wi-Fi Network Camera, PAL		
	DH-IPC-C35N	3MP C Series Wi-Fi Network Camera, NTSC		
	IPC-C35P	3MP C Series Wi-Fi Network Camera, PAL		
	IPC-C35N	3MP C Series Wi-Fi Network Camera, NTSC		

### Dimensions (mm/inch)





