

DH-IPC-C35

3MP C Series Wi-Fi Network Camera



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 o 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

Regions of interest

Regions of Interest (ROI) is a user defined feature that allows the operator to monitor specific areas of a scene while still maintaining overall situational awareness of less important areas

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.

- · 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 Diatance 10m
- ·Easy4ip cloud support
- ·Wi-Fi Support
- · Micro SD card slot, up to 128GB
- · DC5V1A







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.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer



Camera	Technical Specification		
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) S/N Ratio More than 50dB IR Distance Distance up to 10m(33ft) IR On/Off Control Auto/ Manual IR LEDS 1 Lens 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 Video Compression H.264/H.264B/H.264H.MJPEG Streaming Capability 2 Streams 3M(2048:x1536)/3M(2304:x1296)/1080p(13:00x1280;960)/720p(1280:x20)/VGA(640:x480)/QVGA(1020:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x1080)/L3M(1280:x960)/QVGA(200:x	Camera		
RAM/ROM 256MB/16MB Scanning System Progressive Minimum Illumination 0.9Lux/F2.2(Color), OLux/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)/720P(1280×720)/VGA(640 ×480)/QVGA(1220×240) Prame 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	
Scanning System	Effective Pixels	2304(H) x1536(V)	
Minimum Illumination 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 Ax. Aperture F2.2 Angle of View H:120°;V:69° Focus Control 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.MIPEG Streaming Capability 2 Streams Resolution AM(2048×1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×20)/VGA(640 ×480)/ QVGA(320×240) Bit Rate CBR/VBR Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	RAM/ROM	256MB/16MB	
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 Ens 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 Alignment 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	Minimum Illumination	0.9Lux/F2.2(Color), 0Lux/F2.2(IR on)	
IR On/Off Control Auto/ Manual IR LEDs 1	S/N Ratio	More than 50dB	
IR LEDS 1 Lens 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 Resolution 3M(2048×1536)/3M(2304×1296)/1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(1320×240) 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	IR Distance	Distance up to 10m(33ft)	
Lens 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 Resolution 3M(2048×1536)/3M(2304×1296)/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	IR On/Off Control	Auto/ Manual	
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 Resolution 3M(2048×1536)/3M(2304×1296)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240) 3MP(1~20fps)2M(1~25/30fps) 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	IR LEDs	1	
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 Resolution 3M(2048×1536)/3M(2304×1296)/1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240) AUGOP(1290×1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240) Frame Rate 3MP(1~20fps)2M(1~25/30fps) VGA/QVGA(1~25/30fps) VGA/QVGA(1~25/30fps) Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	Lens		
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 Resolution 3M(2048×1536)/3M(2304×1296)/1080)/1.3M(1280×960)/720P(1280×720)/VGA(640 ×480)/QVGA(320×240) Frame Rate 3MP(1~20fps)2M(1~25/30fps) VGA/QVGA(1~25/30fps) VGA/QVGA(1~25/30fps) Bit Rate Control CBR/VBR Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	Lens Type	Fixed	
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 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	Mount Type	Board-in	
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) Frame Rate VGA/QVGA(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 Compression H.264/H.264B/H.264H.MJPEG Streaming Capability 2 Streams 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	
Close Focus Distance N/A PTZ Pan/Tilt Range 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)/1080P(1920×1080	Angle of View	H:120°;V:69°	
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) VGA/QVGA(1~25/30fps) VGA/QVGA(1~25/30fps) Bit Rate Control CBR/VBR Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	Focus Control	Fixed	
Pan/Tilt Range 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	Close Focus Distance	N/A	
Video Compression H.264/H.264B/H.264H.MJPEG Streaming Capability 2 Streams 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) VGA/QVGA(1~25/30fps) VGA/QVGA(1~25/30fps) Bit Rate Control CBR/VBR Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	PTZ		
Compression H.264/H.264B/H.264H.MJPEG Streaming Capability 2 Streams 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) VGA/QVGA(1~25/30fps) VGA/QVGA(1~25/30fps) Bit Rate Control CBR/VBR Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	Pan/Tilt Range	Pan:0° ~360° ;Tilt:-10° ~90° ;Rotation:0° ~360°	
Streaming Capability 2 Streams 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) VGA/QVGA(1~25/30fps) Bit Rate Control CBR/VBR Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	Video		
3M(2048×1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/VGA(640 ×480)/ QVGA(320×240) 3MP(1~20fps)2M(1~25/30fps) Frame Rate	Compression	H.264/H.264B/H.264H.MJPEG	
1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/VGA(640 ×480)/ QVGA(320×240) 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	Streaming Capability	2 Streams	
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	Farance Date	3MP(1~20fps)2M(1~25/30fps)	
Bit Rate H264:32K ~ 10240Kbps Day/Night Auto(ICR) / Color / B/W	Frame Rate	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 Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
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	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	Wi-Fi(IEEE802.11b/g/n),50m(open field)
Protocol	HTTP;HTTPs;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP;DHC P;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP;NTP;Bonjour ;802.1x;Multicast;ICMP;IGMP;
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS(Network Attached Storage),Local PC for instant recording, 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS,Easy4ip
Smart Phone	iPhone, iPad, Android Phone
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)





