

DH-IPC-HFW1531S

5MP WDR IR Mini-Bullet Camera

www.PadVokam.by



- 1/2.7" 5Megapixel progressive CMOS
- H.265 & H.264 dual-stream encoding
- 15fps@5M(2592×1944) & 25/30fps@3M(2304×1296)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8 mm fixed lens (3.6 mm optional)
- Max IR LEDs Length 30m
- IP67, PoE



System Overview

The IR Megapixel Fixed camera delivers 5MP resolution with a 2.8mm/3.6mm fixed lens. The camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small to mid-size applications at an affordable price.

Functions

Smart Codec (H.265+ & H.264+)

Smart Codec is the optimized implementation of standard video compression (H.265 & H.264) that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart Codec technology reduces bit rate and storage requirements by up to 70% when compared to the standard video compression.

Intelligent Video Analysis (IVS)

Dahua camera is equipped with a built-in intelligent analytic algorithm based on video, which can realize intelligent functions like Tripwire and Intrusion, to quickly and accurately respond to monitoring events in specific area. It can enhance monitoring efficiency. In addition, the camera supports intelligent tamper detection, which is to generate warning message via detecting dramatic scene change and to guarantee effective video surveillance.

Wide Dynamic Range (WDR)

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, true WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Smart IR Technology

With IR illumination, detailed images can be captured in low light or total darkness. The camera's Smart IR technology adjusts the intensity of camera's infrared LEDs to compensate the distance of an object. Smart IR technology prevents IR LEDs from whitening 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 30m (98ft).

Protection (IP67, wide voltage)

The camera allows for $\pm 25\%$ input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 2KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67), the camera is the choice for installation in even the most unforgiving environments.

Environmental

Dahua cameras operate in extreme temperature environments, rated for use in temperatures from -30° C to +60° C (-22° F to +140° F) with 95% humidity.

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.

Interoperability

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



Technical Specification						Bit Rate		H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps			
Camera								Day/Night		Auto(ICR) / Color / B/W	
Image Sensor		1/2.7" 5Megapixel progresive CMOS						BLC Mode		BLC / HLC / WDR(120dB)	
Effective Pixels		2592(H)x1944(V)						White Balance		Auto/Natural/Street Lamp/Outdoor/Manual	
RAM/ROM		512MB/32MB						Gain Control		Auto/Manual	
Scanning System		Progressive						Noise Reduction		3D DNR	
Electronic Shutter Speed		Auto/Manual, 1/3~1/100000s						Motion Detection		Off / On (4 Zone, Rectangle)	
Minimum Illumination		0.03Lux/F2.0(Color,1/3s,30IRE) 0.3Lux/2.0(Color,1/30s,30IRE) 0Lux/F2.0(IR on)						Region of Interest		Off / On (4 Zone)	
S/N Ratio		More than 50dB						Electronic Image Stabilization (EIS)		N/A	
IR Distance		Distance up to 30m(98ft)						Smart IR		Support	
IR On/Off Control		Auto/ Manual						Digital Zoom		16x	
IR LEDs		18						Flip		0°/90°/180°/270°	
								Mirror		Off / On	
								Privacy Masking		Off / On (4 Area, Rectangle)	
								Audio			
								Compression		N/A	
Network								Ethernet		RJ-45 (10/100Base-T)	
								Protocol		HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP; FTP;DHCP;DNS;DDNS;PPPoE;IPv4/V6;QoS;UPnP; NTP;Bonjour;IEEE 802.1X;Multicast;ICMP;IGMP;TLS	
								Interoperability		ONVIF Profile S&G, API	
								Streaming Method		Unicast / Multicast	
								Max. User Access		10 Users / 20 Users	
								Edge Storage		NAS Local PC for instant recording	
								Web Viewer		IE, Chrome, Firefox, Safari	
								Management Software		Smart PSS, DSS, DMSS	
								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		N/A	
								RS485		N/A	
								Alarm		N/A	
Electrical								Power Supply		DC12V, PoE(IEEE 802.3af)(Class 0)	
								Power Consumption		< 6W	

Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

Construction

Casing	Metal+Plastic
Dimensions	Φ70mm×164.7mm(2.76"x6.49")
Net Weight	0.38Kg(0.84lb)
Gross Weight	0.44Kg(0.97lb)

Ordering Information

Type	Part Number	Description
4MP camera	DH-IPC-HFW1531SP-0280B	5MP IR Mini-Bullet Network Camera, 2.8mm,PAL
	DH-IPC-HFW1531SN-0280B	5MP IR Mini-Bullet Network Camera, 2.8mm,NTSC
	IPC-HFW1531SP-0280B	5MP IR Mini-Bullet Network Camera, 2.8mm,PAL
	IPC-HFW1531SN-0280B	5MP IR Mini-Bullet Network Camera, 2.8mm,NTSC
	DH-IPC-HFW1531SP-0360B	5MP IR Mini-Bullet Network Camera, 3.6mm,PAL
	DH-IPC-HFW1531SN-0360B	5MP IR Mini-Bullet Network Camera, 3.6mm,NTSC
	IPC-HFW1531SP-0360B	5MP IR Mini-Bullet Network Camera, 3.6mm,PAL
	IPC-HFW1531SN-0360B	5MP IR Mini-Bullet Network Camera, 3.6mm,NTSC
Accessories (optional)	PFA134	Junction box
	PFA152-E	Pole mount
	PFA151	Corner mount

Accessories

Optional:



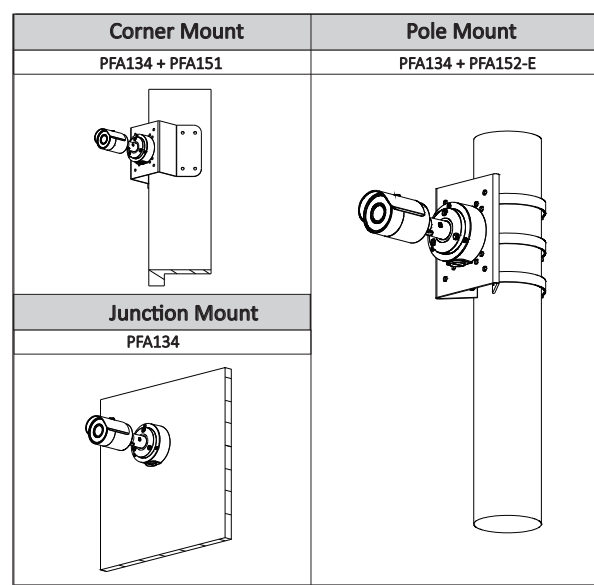
PFA134
Junction Box



PFA152-E
Pole mount



PFA151
Corner mount



Dimensions (mm/inch)

