

DH-IPC-HFW4230M-4G-AS-I2 2MP 4G IR Bullet Network Camera



- · 1/2.9" 2Megapixel progressive CMOS
- · H.265&H.264 dual-stream encoding
- · 25/30fps@2M(1920×1080)
- · Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS)
 &DMSS
- · Micro SD card slot, up to 256GB
- · 3.6mm,6mm fixed lens
- Max. IR LEDs Length 40m
- · 4G supported
- · IP67



System Overview

The 4G supported IR bullet camera delivers 2MP resolution with a 3.6mm or 6mm fixed lens. The camera can be connected to mobile internet as long as you have a SIM card, provides an excellent choice for a variety of small to mid-size applications such as off-grid system, farms, forest,border,etc.

Functions

4G

The camera can be connected to Mobile Internet as long as you have a SIM card, then you can place it anywhere and no need to worry about the wiring hassles.

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.

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 40m (131.2ft).

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.

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.



Eco Savvy | DH-IPC-HFW4230M-4G-AS-I2

Technical Specification						
Model		DH-IPC-HFV	DH-IPC-HFW4230M-4G-AS-I2			
Camera	Camera					
Image Sensor		1/2.9" 2Megapixel progressive scan CMOS				
Effective Pixels)		1920(H) × 1080(V)				
RAM/ROM		256MB/32MB				
Scanning System		Progressive				
Minimum Illumination		0.04Lux/F2.0(Color,1/3s,30IRE) 0.22Lux/F2.0(Color,1/30s,30IRE) 0Lux/F2.0(IR on)				
S/N Ratio		More than 56dB				
IR Distance		Distance up tp 40m (131.2ft)				
IR On/Off Contro	bl	Auto/ Manu	al			
IR LEDs		2				
Lens						
Lens Type		Fixed	Fixed			
Mount Type	Mount Type		M12			
Focal Length		3.6mm (6mm optional)				
Max. Aperture	Max. Aperture		F2.0			
Angle of View		H: 82.5° (51.5°), V: 44° (29.5°)				
Optical Zoom		N/A				
Focus Control		Fixed				
Close Focus Dista	ance	0.9m(2m) 29.5ft(6.56ft)				
	Lens	Detect	Observe	Recognize		
DORI Distance	3.6mm	53m(174ft)	21m(69ft)	10m(33ft)		
	6mm	80m(262ft)	32m(105ft)	16m(52ft)		
Pan/Tilt/Rotation						
Pan/Tilt/Rotation Range		N/A				
Intelligence		Motion detection, Video tampering , Scene				
Event Trigger		changing, Network disconnection, IP address conflict, Illegal Access,Storage anomaly				
IVS		Tripwire, Intrusion				
Video						
Compression		H.265/H.264H/MJPEG(Sub Stream)				
Smart Codec		Support H.265/H.264				
Streaming Capability		2 Streams				
Resolution		Motion detection, Video tampering , Scene changing, Network disconnection , IP address conflict, Illegal Access, Storage anomaly				

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Management Software Smart PSS, DSS, DMSS	Edge Storage	Local PC for instant recording		
-	Web Viewer	IE, Chrome, Firefox, Safari		
Smart Phone IOS Android	Management Software	Smart PSS, DSS, DMSS		
Share hole hos, Alarola	Smart Phone	IOS, Android		

Eco Savvy | DH-IPC-HFW4230M-4G-AS-I2

Certifications

Certifications					
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B				
Interface					
Audio Interface	1/1 channel In/Out				
Alarm	2 channel In: 500mA 5VDC 2 channel Out: 300mA 12VDC				
Electrical					
Power Supply	DC12V±30%				
Power Consumption	3.6W, 9.5W(IR on); 6W(4G on, IR off)				
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	194.4mm×96.6mm×89.5mm (7.65"×3.8"×3.52")				
Dimensions	194.4mm/s90.0mm/k93.5mm (7.05 ×3.0 ×3.52)				
Net Weight	0.7kg (1.54lb)				
Net Weight	0.7kg (1.54lb)				
Net Weight Gross Weight	0.7kg (1.54lb)				
Net Weight Gross Weight Electrical	0.7kg (1.54lb) 0.8kg (1.76lb)				
Net Weight Gross Weight Electrical Power Supply	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on);				
Net Weight Gross Weight Electrical Power Supply Power Consumption	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on);				
Net Weight Gross Weight Electrical Power Supply Power Consumption Environmental	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on); 6W(4G on, IR off) -30° C ~ +60° C (-22° F ~ +140° F) /				
Net Weight Gross Weight Electrical Power Supply Power Consumption Environmental Operating Conditions	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on); 6W(4G on, IR off) -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH -30° C ~ +60° C (-22° F ~ +140° F) /				
Net Weight Gross Weight Electrical Power Supply Power Consumption Environmental Operating Conditions Storage Conditions	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on); 6W(4G on, IR off) -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH				
Net Weight Gross Weight Electrical Power Supply Power Consumption Environmental Operating Conditions Storage Conditions Ingress Protection	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on); 6W(4G on, IR off) -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH IP67				
Net WeightGross WeightElectricalPower SupplyPower ConsumptionEnvironmentalOperating ConditionsStorage ConditionsIngress ProtectionVandal Resistance	0.7kg (1.54lb) 0.8kg (1.76lb) DC12V±30% 3.6W, 9.5W(IR on); 6W(4G on, IR off) -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH IP67				

Dimensions 194.4mm×96.6mm×89.5mm (7.65"×3.8"×3.52") Net Weight 0.7kg (1.54lb)	Casing	Metal+Plastic
	Dimensions	194.4mm×96.6mm×89.5mm (7.65"×3.8"×3.52")
	Net Weight	0.7kg (1.54lb)
Gross Weight 0.8kg (1.76lb)	Gross Weight	0.8kg (1.76lb)

Ordering Information

Туре	Part Number	Description
2MP camera	DH-IPCHFW4320MP-4G-AS- I2-0360B	2MP 4G IR Bullet Network Camera, PAL
	DH-IPCHFW4320MN-4G-AS- I2-0360B	2MP 4G IR Bullet Network Camera, NTSC
	IPC-HFW4320MP-4G-AS-I2- 0360B	2MP 4G IR Bullet Network Camera, PAL
	IPC-HFW4320MN-4G-AS-I2- 0360B	2MP 4G IR Bullet Network Camera, NTSC
	DH-IPCHFW4320MP-4G-AS- I2-0600B	2MP 4G IR Bullet Network Camera, PAL
	DH-IPCHFW4320MN-4G-AS- I2-0600B	2MP 4G IR Bullet Network Camera, NTSC
	IPC-HFW4320MP-4G-AS-I2- 0600B	2MP 4G IR Bullet Network Camera, PAL
	IPC-HFW4320MN-4G-AS-I2- 0600B	2MP 4G IR Bullet Network Camera, NTSC
Accessories (optional)	PFB121W	Wall mount bracket
	PFB110W	Ceiling mount bracket

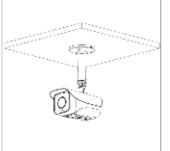
Accessories

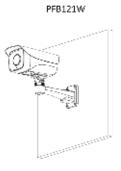




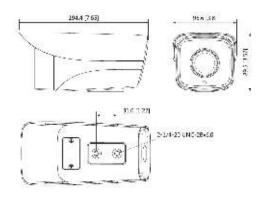
PFB121W Wall mount

PFB110W





Dimensions (mm/inch)





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