



Dahua Technology WizSense IPC-HFW2249S-S-IL-0280B security camera Bullet IP security camera Indoor & outdoor 1920 x 1080 pixels Wall

Brand : Dahua Technology

Product family: WizSense

Product code: IPC-HFW2249S-S-IL-0280B

Product name : IPC-HFW2249S-S-IL-0280B

- 2-MP 1/2.8" CMOS image sensor, low luminance, and high definition image
- Outputs max. 2 MP (1920 × 1080)@25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in warm light/IR LED, the max. illumination distance is 30 m and the max. warm light distance is 30 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent monitoring: Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)
- Supports max. 256 G Micro SD card; built in MIC
- 12 VDC/PoE power supply, easy for installation
- IP67 protection
- SMD Plus

2MP Smart Dual Illumination Fixed-focal Bullet WizSense Network Camera

Performance		Video	
Type *	IP security camera	Noise reduction technology	3D noise reduction
Placement supported *	Indoor & outdoor	Gain control type	Auto/Manual
Connectivity technology *	Wired	Privacy masking	✓
Wide Dynamic Range (WDR)	✓	Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Day/night mode	✓	Back Light Compensation (BLC)	✓
Design		Highlight Compensation (HLC)	✓
Form factor *	Bullet	Region of Interest (ROI) encoding	✓
Mounting type *	Wall	Audio	
Product colour *	White	Signal-to-Noise Ratio (SNR)	56 dB
Housing material	Metal	Built-in microphone	✓
International Protection (IP) code	IP67	Voice codecs	G.711Mu, G.711a, G.726, PCM
Camera		Network	
Camera pan control	✓	Ethernet LAN *	✓
Camera tilt control	✓	Ethernet interface type	Fast Ethernet
Angle of rotation	360°	Supported network protocols	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP
Lens viewing angle, horizontal	107°		
Lens viewing angle, vertical	56°		
Lens viewing angle, diagonal	127°	Wi-Fi *	✗
Tilt angle range	0 - 90°	Bluetooth *	✗
Pan range	0 - 360°	Storage	
White balance	Auto, Custom modes, Manual, Natural, Outdoor, Street lamp	Built-in HDD *	✗
Camera shutter type	Electronic	Card reader integrated	✓
Camera shutter speed	1/3 - 1/100000 s	Compatible memory cards	MicroSD (TransFlash)
Image sensor		Maximum memory card size	256 GB
Number of sensors	1	Internal memory	128 MB
Optical sensor size	25.4 / 2.8 mm (1 / 2.8")	ROM capacity	128 MB
Progressive scan	✓	Security	
Sensor type *	CMOS	Video motion detection	✓

Lens system		Security	
Detect distance	43.9 m	Mirror	✓
Observe distance	17.5 m	Power	
Recognize distance	8.8 m	Power source type *	DC, PoE
Identify distance	4.4 m	Power consumption (typical)	1.6 W
Minimum aperture number	1.6	Power consumption (max)	3.8 W
Fixed focal length	2.8 mm	Power consumption (Power over Ethernet (PoE))	4.4 W
Closest focusing distance	0.7 m	DC output voltage	12
Night vision		Operational conditions	
Night vision *	✓	Operating temperature (T-T)	-40 - 60 °C
Night vision distance	30 m	Storage temperature (T-T)	-40 - 60 °C
LED type	IR	System requirements	
Number of illumination LEDs	2	Mobile operating systems supported	Android, iOS
Video		Weight & dimensions	
Maximum resolution *	1920 x 1080 pixels	Width	70 mm
Total megapixels *	2 MP	Depth	166.2 mm
Video compression formats	H.264, H.264B, H.264H, H.265, M-JPEG	Height	70 mm
Supported graphics resolutions	352 x 240, 352 x 288, 640 x 480 (VGA), 704 x 480, 704 x 576, 1280 x 720 (HD 720), 1280 x 960, 1920 x 1080 (HD 1080)	Weight	480 g
Video streaming	✓	Packaging data	
Noise reduction	✓	Package weight	590 g
		Packaging content	
		Number of cameras *	1



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Catalog Object Cloud



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