



Dahua Technology WizMind IPC-HFW5541E-ASE-0280B-S3 security camera Bullet IP security camera Indoor & outdoor 2960 x 1668 pixels Wall

Brand : Dahua Technology

Product family: WizMind

Product code: IPC-HFW5541E-ASE-0280B-S3

Product name : IPC-HFW5541E-ASE-0280B-S3

- 5-MP 1/2.7" CMOS image sensor, low luminance, and high definition image
 - Outputs max. 5 MP (2960×1668) @25/30fps
 - Built-in IR LED, and the max. illumination distance is 50 m
 - ROI, SVC, SMART H.264+/H.265+, AI H.264/H.265, encoding after filter, flexible coding, applicable to various bandwidth and storage environments
 - Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
 - With deep learning algorithm, it supports: video metadata, smart sound detection, IVS, face detection, smart object detection, and people counting, etc
 - Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 512 GB Micro SD card, built-in MIC
 - 12 VDC/PoE power supply; ePoE
 - IP67 protection
 - SMD 3.0
- 5MP IR Fixed-focal Bullet WizMind Network Camera

Performance		Video	
Type *	IP security camera	Highlight Compensation (HLC)	✓
Placement supported *	Indoor & outdoor	Region of Interest (ROI) encoding	✓
Connectivity technology *	Wired	Audio	
People counting function	✓	Audio input channels	1.0 channels
Wide Dynamic Range (WDR)	✓	Audio output channels	1.0 channels
Day/night mode	✓	Signal-to-Noise Ratio (SNR)	56 dB
Alarm input/output	✓	Built-in microphone	✓
Design		Network	
Form factor *	Bullet	Ethernet LAN *	✓
Mounting type *	Wall	Ethernet interface type	Fast Ethernet
Product colour *	White	Supported network protocols	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP; P2P
Housing material	Metal		
International Protection (IP) code	IP67		
Camera			
Minimum illumination	0 lx	Wi-Fi *	✗
Angle of rotation	360°	Bluetooth *	✗
Lens viewing angle, horizontal	111°	Number of users	20 user(s)
Lens viewing angle, vertical	58°	Storage	
Lens viewing angle, diagonal	132°	Built-in HDD *	✗
Tilt angle range	0 - 90°	Card reader integrated	✓
Pan range	0 - 360°	Compatible memory cards	MicroSD (TransFlash)
White balance	Auto, Manual, Natural, Outdoor, Regional custom, Street lamp	Maximum memory card size	512 GB
Camera shutter type	Electronic	Internal memory	1024 MB
Camera shutter speed	1/3 - 1/100000 s	ROM capacity	4096 MB
Image sensor		Ports & interfaces	
Optical sensor size	25.4 / 2.7 mm (1 / 2.7")	Ethernet LAN (RJ-45) ports	1
Progressive scan	✓	Security	
Sensor type *	CMOS	Alarm input channels	1
Lens system		Alarm output channels	1
Detect distance	63.6 m	Video motion detection	✓
Observe distance	25.4 m	Mirror	✓

Lens system		Management features	
Recognize distance	12.7 m	Web browser	✓
Identify distance	6.4 m	Management software	SmartPSS Lite; DSS; DMSS
Minimum aperture number	1.6	Power	
Fixed focal length	2.8 mm	Power source type *	DC, PoE
Closest focusing distance	1.1 m	Power consumption (typical)	4 W
Night vision		Power consumption (Power over Ethernet (PoE))	5.8 W
Night vision *	✓	DC output voltage	12
Night vision distance	50 m	Operational conditions	
Number of illumination LEDs	1	Operating temperature (T-T)	-40 - 60 °C
Video		Storage temperature (T-T)	-40 - 60 °C
Maximum resolution *	2960 x 1668 pixels	Storage relative humidity (H-H)	10 - 95%
Total megapixels *	5 MP	System requirements	
Video compression formats	H.264, H.264B, H.264H, H.265, M-JPEG	Mobile operating systems supported	Android, iOS
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), 2048 x 1536 (QXGA), 2304 x 1296, 2560 x 1440, 2688 x 1520, 2880 x 1620	Weight & dimensions	
		Width	70.5 mm
Video streaming	✓	Depth	192.7 mm
Noise reduction	✓	Height	66.4 mm
Gain control type	Auto	Weight	590 g
Privacy masking	✓	Packaging data	
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)	Package weight	780 g
Back Light Compensation (BLC)	✓	Packaging content	
		Number of cameras *	1

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