



Dahua Technology WizSense IPC-HFW3849T1-AS-PV-PRO Bullet IP security camera Indoor & outdoor 3840 x 2160 pixels Ceiling/wall

Brand : Dahua Technology

Product family: WizSense

Product code: HFW3849T1-ASPV0280B-PRO-B

Product name : IPC-HFW3849T1-AS-PV-PRO

1/1.8" CMOS, 3840 (H) × 2160 (V), 256 MB, 1 GB, >56 dB

Dahua Technology WizSense IPC-HFW3849T1-AS-PV-PRO Bullet IP security camera Indoor & outdoor 3840 x 2160 pixels Ceiling/wall:

8MP WizColor TiOC PRO Fixed-focal Bullet WizSense Network Camera
Dahua Technology WizSense IPC-HFW3849T1-AS-PV-PRO. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling/wall, Product colour: Black, Form factor: Bullet. Minimum illumination: 0.007 lx, Angle of rotation: 360°, Lens viewing angle, horizontal: 360°. Sensor type: CMOS, Optical sensor size: 25.4 / 1.8 mm (1 / 1.8"). Detect distance: 91 m, Observe distance: 36.4 m, Recognize distance: 18.2 m

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	✓	Bit rate	3 kbps-20480 kbps
Alarm input/output	✓	Back Light Compensation (BLC)	✓
Dynamic range	120 dB	Highlight Compensation (HLC)	✓
Certification	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive; 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B	Region of Interest (ROI) encoding	✓
		Smart IR	✓
Design		Audio	
Form factor *	Bullet	Audio input channels	1.0 channels
Mounting type *	Ceiling/wall	Audio output channels	1.0 channels
Product colour *	Black	Audio formats supported	G.711 A-law, G.726, PCM
Housing material	Metal, Plastic	Signal-to-Noise Ratio (SNR)	56 dB
International Protection (IP) code	IP67	Built-in microphone	✓
Camera		Network	
Minimum illumination	0.007 lx	Ethernet LAN *	✓
Angle of rotation	360°	Ethernet interface type	Fast Ethernet
Lens viewing angle, horizontal	360°	Networking standards	IEEE 802.3af
Lens viewing angle, vertical	90°	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; PPPoE; SNMP
Lens viewing angle, diagonal	360°		
Tilt angle range	0 - 90°	Wi-Fi *	✗
Pan range	0 - 360°	Bluetooth *	✗
White balance	Auto, Manual, Natural, Outdoor, Street lamp	Number of users	20 user(s)
Camera shutter type	Electronic	Live view	✓
Camera shutter speed	1/3 - 1/100000 s	Storage	
Adjustment shutter speed	Auto/Manual	Built-in HDD *	✗
Number of Privacy masking areas	4	Card reader integrated	✓
Image sensor		Compatible memory cards	MicroSD (TransFlash)
Number of sensors	1	Maximum memory card size	256 GB
Optical sensor size	25.4 / 1.8 mm (1 / 1.8")	Internal memory	512 MB
Progressive scan	✓	ROM capacity	128 MB
Sensor type *	CMOS		

Lens system		Ports & interfaces	
Number of lenses *	1	Ethernet LAN (RJ-45) ports	1
Detect distance	91 m	Security	
Observe distance	36.4 m	Alarm input channels	1
Recognize distance	18.2 m	Alarm output channels	1
Identify distance	9.1 m	Video motion detection	✓
Fixed focal length	3.6 mm	Power	
Closest focusing distance	4.4 m	Power source type *	DC, PoE
Night vision		Power consumption (typical)	4.5 W
Night vision *	✓	Power consumption (max)	76 W
Night vision distance	30 m	Power consumption (Power over Ethernet (PoE))	9.1 W
LED type	White	DC output voltage	12
Number of illumination LEDs	2	Operational conditions	
Video		Operating temperature (T-T)	-40 - 60 °C
Maximum resolution *	3840 x 2160 pixels	Storage temperature (T-T)	-40 - 60 °C
Total megapixels *	8 MP	Operating relative humidity (H-H)	0 - 95%
Video formats supported	H.264, H.264+, H.264B, H.265, H.265+	System requirements	
Video compression formats	H.264, H.264+, H.264B, H.265, H.265+	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, 2592 x 1944, 2668 x 1512, 2688 x 1512, 3072 x 1728, 3072 x 2048, 3840 x 2160	Weight & dimensions	
		Width	94.4 mm
Frame rate	20 fps	Height	84.7 mm
Video streaming	✓	Length	288.4 mm
Noise reduction	✓	Packaging content	
		Number of cameras *	1

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