

4MP WDR IR Eyeball Network Camera

















- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs 4MP (2560 × 1440)@25/30 fps, Max. supports 4MP (2688 × 1520) @ 20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30 m
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card, built-in Mic
- 12V DC/POE power support
- IP67 protection

PC-EB244TM-IR 3.6mm



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System Overview

With upgraded H.265 encoding technology, Dahua Lite series camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays better colorful image in the environment of low illumination. It supports SD card storage, waterproof function, dust-proof function, complying to the standards of IP67.

Functions

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

Adopting advanced algorithm of auto stream control according to the environment, Dahua smart encoding technology realizes the higher efficiency than (H.265 & H.264), providing high-quality video, and reducing the cost of storage and transmission.

Wide dynamic range (WDR)

Dahua adopts advanced Wide Dynamic Range (WDR) technology. You can get clear details in the environment of strong brightness contrast. In high brightness and back- light environment, bright region and dark region with strong light source, you can also get clear images.

Starlight

Dahua Starlight technology mainly applies to the environment of low illumination, and it can provide clear colorful video. Even in the environment of min. illumination, the technology can guarantee the good image effect.

Intelligent Video Analysis (IVS)

With advanced video algorithm, Dahua camera supports intelligent detection, such as tripwire and intrusion and so on.

Protection (IP67, wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

Wide voltage: The camera allows ±30% input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

PC-EB244TM-IR 3.6mm



Technical S	Specification						2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 ×
Camera					Resolution	1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704	
Image Sensor		1/3" 4Megapixel progressive CMOS					× 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Effective Pixels		2688 (H) × 1520 (V)				Bit Rate Control	CBR/VBR
ROM		128 MB				Video Bit Rate	H.264: 32 Kbps-6144 Kbps H.265: 12 Kbps-6144 Kbps
RAM		128 MB				Day/Night	Auto(ICR)/Color/B/W
Scanning System		Progressive				BLC	Yes
Electronic Shutter Speed		Auto/Manu	al 1/3 s–1/100	000 s		HLC	Yes
Min. Illumination		0.008 Lux @ F1.6				WDR	120 dB
IR Distance		30 m (98.43 ft)				White Balance	Auto/natural/street lamp/outdoor/manual/regional
IR On/Off Control		Auto/Manual				Gain Control	custom Auto/Manual
IR LEDs Number		2				Noise Reduction	3D DNR
Pan/Tilt/Rota	tion Range	Pan: 0°–360 Tilt: 0°–78°				Motion Detection	OFF/ON (4 areas, rectangular)
Lama		Rotation: 0°	–360°			Region of Interest(RoI)	Yes (4 areas)
Lens		Firmal famal					
Lens Type		Fixed-focal				Smart IR	Yes
Mount Type		M12				Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 1080p resolution and lower.)
Focal Length		3.6 mm				Mirror	Yes
Max. Aperture		F1.6				Privacy Masking	4 areas
		3.6 mm :				Audio	
Field of View		Pan: 84.0° Tilt: 45.0°				Built-in MIC	Yes
		Diagonal: 10				Audio Compression	G.711A; G.711Mu; G.726; AAC
		Fixed apertu	ure			Network	
Iris Type		3.6 mm: 1.6 m (3.61				Network	RJ-45 (10/100 Base-T)
Close Focus Distance Lens		ft) Detect	Observe	Recognize	Identify	Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour
DORI Distance	3.6 mm	80 m (262.47 ft)	32.0 m (104.99 ft)	16.0 m	8.0 m	Interoperability	ONVIF(Profile S/Profile G/Profile T);CGI; P2P; Milestone; Genetec
Smart ever	nt	(262.47 ft) (104.99 ft) (52.49 ft) (26.25 ft)			(20.2311)	User/Host	20
General IVS A	nalytics	Intrusion; tripwire				Edge Storage	Dahua Cloud; FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
Video						Drawar	IE Character
Video Compre	ession	H.265; H.26	4; H.264B; MJF	PEG		Browser	Chrome Firefox
Smart Codec		Yes				Management Software	Smart PSS; DSS; DMSS
Video Frame Rate		Main stream:				Mobile Phone	IOS; Android
		2560 × 1440	0 (1 fps-20 fps) 0 (1 fps-25/30 f	ps)		Certification	
		Sub stream: 704 × 576 (1 704 × 480 (1	fps-25 fps)			Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
Stream Capability		2 streams					FCC: 47 CFR FCC Part 15, Subpart B



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Power

Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 6.6W
Environment	

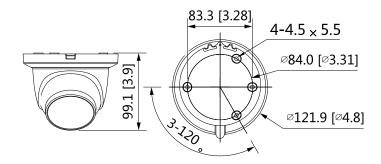
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH	
Storage Temperature	-40°C to +60°C (-40°F to +140°F)	
Protection	IP67	

Structure

Casing	Metal	
Dimensions	99.1 mm × Φ121.9 mm (3.9" × Φ4.8")	
Net Weight	0.48 kg (1.1 lb)	
Gross Weight	0.65 kg (1.4 lb)	

Junction Mount	Wall Mount	Pole Mount
PFA130-E	PFB203W	PFB152-E+PFA203W

Dimensions (mm[inch])



Accessories

Optional:









PFB203W



PFA152-E Pole Mount