

DH-SD59232-HC-LA

2MP 32x Starlight IR PTZ HDCVI Camera



- · 1/2.8" 2Megapixel STARVIS™ CMOS
- · Powerful 32X optical zoom
- · Starlight technology
- · 120dB true WDR, 3D DNR
- · Max. 25/30 fps@1080P, 25/30/50/60 fps@720P
- · IP66









Featuring with powerful optical zoom and accurate pan/tilt/zoom performance, the SD59 series PTZ camera can provide large monitoring range and great detail. The camera delivers 1080P resolution at 25/30 fps, with 32x optical zoom, and has very excellent low light performance due to adopting the latest starlight technology. SD59 series PTZ is equipped with quick and smooth control, high quality image and good protection, which makes it meet most of the requirements of video surveillance applications.

Functions

Simplicity

HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDCVI system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of configuring a network.

Starlight Technology

For challenging low-light applications, Dahua's Starlight Ultra-low Light Technology offers best-in-class light sensitivity, capturing color details in low light down to 0.005 Lux. The camera uses a set of optical features to balance light throughout the scene, resulting in clear images in dark environments.

PFA Technology

PFA technology has innovatively introduced new methods of judgment to ensure the accuracy and predictability of the direction of subject distance adjustment. The result is a set of advanced focusing algorithms. PFA ensures clarity of the image throughout the process of zooming and shortens focus time. The realization of PFA technology substantially improves user experience and increases product value.

Environmental

The camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications.

Wide Dynamic Range

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, True WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Protection

This camera suits even the harsh conditions for outdoor applications. Its 6KV lightning rating provides protection against the camera and its structure from the effects of lightning.



Technical Specification						Resolution	1080P (1920 × 1080); 720P (1280 × 720); D1 (704 × 576/704 × 480)
Camera						Frame Rate	1080P (25/30 fps); 720P (25/30/50/60 fps)
Image Sensor	1/2.8" STARVIS™ CMOS					CVI Product Output Mode	CVI; TVI; AHD; CVBS
Pixel	2MP					Day/Night	Support
Max. Resolution	1920 (H) x 1080 (V)					BLC	Support
ROM	16 MB						120 dB
RAM	256 MB					WDR	
Electronic Shutter Speed	1/3 s-1/100000 s					HLC	Support Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/
Scanning System	Progressive					White Balance	Natural/Street lamp
	Color: 0.005 Lux@F1.6 B/W: 0.0005 Lux@F1.6 0 Lux@F1.6 (IR on)					Gain Control	Auto/Manual
Min. Illumination						Noise Reduction	2D/3D
Illumination Distance	150 m (492.1	.3 ft)				Defog	Electronic
Illuminator On/Off Control	Auto/Manua	I				Digital Zoom	16x
Illuminator Number	4					Flip	0°/180°
Lens						Privacy Masking	Up to 24 areas
Focal Length	4.5 mm–144 mm					Audio	
Max. Aperture	F1.6-F4.0					Compression	G.711a; G.711Mu
Field of View	H: 60.14°-2.75°; V: 34.41°-1.54°; D: 68.23°-3.16°					Certification	
Optical Zoom	32x					Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4-2014 UL62368-1+CAN/CSA C22.2,No. 62368-1
Focus Control	Auto/Semi-Auto/Manual						
Close Focus Distance	0.1 m-1.5 m (0.33 ft-4.92 ft)					Port	
Iris Control	Auto/Manual				Analog Output	1 (CVBS/CVI output, BNC port)	
	Detect	Observe	Recognize	Identify		RS-485	1 (baud rate range: 1200 bps–9600 bps)
DORI Distance	1986 m (6515 75 ft)	785 m (2575 46 ft)	398 m (1305 77 ft)	198 m (649.61 ft)		Audio Input	1 (LINE IN; bare wire)
PTZ	(6515.75 ft) (2575.46 ft) (1305.77 ft) (649.61 ft)					Alarm I/O	2/1
Pan/Tilt Range	Pan: 0°–360°; Tilt: -15°–+90°; auto flip 180°					Power	
Manual Control Speed	Pan: 0.1°-300°/s; Tilt: 0.1°-200°/s					Power Supply	DC24V/2.5A ± 25%
Preset Speed	Pan: 400°/s; Tilt: 300°/s					Power Consumption	Basic: 9.6W Max: 22W (IR light on, PTZ rotating)
Presets	300					Environment	
Tour	8 (up to 32 presets per tour)					Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Pattern	5					Operating Humidity	≤ 95%RH
Scan	5					Protection	IP66; TVS 6000V lightning protection; surge protection
Speed Adjustment	Support						
Power-off Memory	Support						
Idle Motion	Preset/Tour/Pattern/Scanning						
Protocol	DH-SD Pelco-P/D (auto recognition)						
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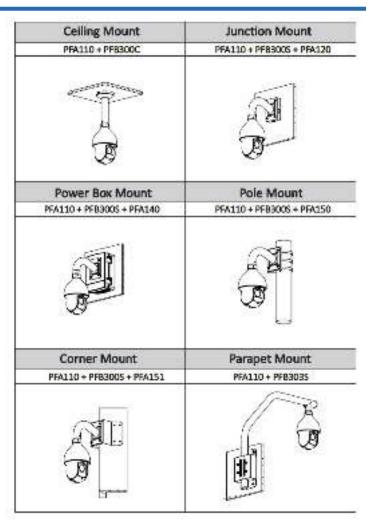
Video

Ordering Information					
Туре	Model	Description			
2MP PTZ Camera	DH-SD59232-HC-LA	2MP 32x Starlight IR PTZ HDCVI Camera, WDR, PAL			
	DH-SD59232N-HC-LA	2MP 32x Starlight IR PTZ HDCVI Camera, WDR, NTSC			
	SD59232-HC-LA	2MP 32x Starlight IR PTZ HDCVI Camera, WDR, PAL			
	SD59232N-HC-LA	2MP 32x Starlight IR PTZ HDCVI Camera, WDR, NTSC			
	PFB300S	Wall Mount Bracket			
	PFA110	Mount Adapter			
	DC24V/2.5A	Power Adapter			
		Power Box			
Accessories	PFB300C	Ceiling Mount Bracket			
	PFA120	Junction Box			
	PFA150	Pole Mount Bracket			
	PFA151	Corner Mount Bracket			
	PFB303S	Parapet Mount Bracket			

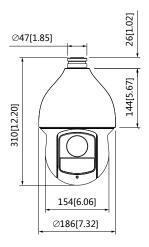
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Included	:				
Accessories					
	PFB303S	Parapet Mount Bracket			
	PFA151	Corner Mount Bracket			
	PFA150	Pole Mount Bracket			
	PFA120	Junction Box			







Dimensions (mm[inch])



Bracket

Bracket