

DH-SD59131I-HC

1MP 31x Starlight IR PTZ HDCVI Camera



- · 1/2.8" STARVIS™ CMOS
- · Powerful 31x optical zoom
- · Starlight technology
- · 120dB true WDR, 3D DNR
- Max. 25/30/50/60fps@720P
- · IR distance up to 150m
- · IP66











System Overview

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 720P resolution at 50/60 fps, with 31x 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 make it can 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

Thanks to our experience and expertise in hardware and software development, the camera is equipped with the latest image processing algorithm, high performance hardware and high quality optical components, which make the camera have very exellent low light performance. In most conditions, this camera can deliver clear, bright and low-noise color images.

Wide Dynamic Range

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, true WDR (120dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Environmental

With a temperature range of -40 °C to +70 °C (-40 °F to +158 °F), 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.

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.



Lens Focal Length A.8mm*150mm Max. Aperture F1.6 ~ F4.4 Angle of View H: 58.3 * ~ 1.9 * Optical Zoom 31x Focus Control Auto/Manual Close Focus Distance DORI Distance *Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on serior specification and lab test resul according to 9 th R2076 4 which defines the criteria for Detect, Observe, Recognize and Identify respectively. Detect Observe Recognize Pan/Tilt Range Pan: 01 * 300 */s; Tilt: 01* ~ 200 */s Preset Speed Pan: 0.1 * 300 */s; Tilt: 0.1 * 200 */s Presets 300 PITZ Mode S Pattern, 8 Tour, Auto Pan Auto Scan Speed Setup Human-oriented focal Lengthy' speed adaptation Activate Preset/ Scan/Tour/ Pattern if there is no Interface Video Interface 1 channel in Audio Interface 1 channel in Activate Preset/ Scan/1 Tour/ Pattern if there is no									
March Sensor	Technical Spe	cification				OSD Menu	Support		
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Scanning System Progressive Noise Reduction Ultra DNR (20/3D) Electronic Shutter Speed 1/3s-1/300,0005 Digital Zoom 16x Minimum illumination Color: 0.005Lix@FLE, 0.lix@FLE, 0	Image Sensor		1/2.8" STARVIS™ CMOS		White Balance	Auto,ATW,Indoor,Outdoor,Manual			
Digital Zoom 164 165 167 1	Effective Pixels		1280(H) x 720(V), 1 Megapixels			Gain Control	Auto / Manual		
Minimum Illumination Colors 0.005Lux@F1.6; 0Lux@F1.6; 0Lux@F1.6; (IR on) S/NR Ratio More than 55d8 Privacy Masking Up to 24 areas R Dn/Off Control Auto/Manual IR LEDS 4 Lens Focal Length 4.8mm*150mm Max. Aperture F1.6 * F4.4 Angle of View H: 58.3 ** 1.9* Optical Zoom 31x Focus Control Auto/Manual Close Focus Distance 100mm* 1000mm DORI Distance 100mm* 1000mm Distance 100mm* 1000	Scanning System		Progressive			Noise Reduction	Ultra DNR (2D/3D)		
More than 55dB	Electronic Shutter S	peed	1/3s~1/300,000s			Digital Zoom	16x		
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R On/Off Control Auto/Manual R On/Off Control Auto/Manual Auto/Manual Certifications Interface 1 Audio Interface	S/N Ratio		More than 55dB			Privacy Masking	Up to 24 areas		
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Interface Video Interface Video Interface 1 channel in Audio Interface 1 channel in RS485 1 channel in Aldro						Certifications			
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Activate Preset/ Scan/ Tour/ Pattern if there is no			Auto restore to previous PTZ and lens status after						
command in the specified period	Idle Motion								

DH-SD, Pelco-P/D (Auto recognition)

1-channel BNC high definition video output/ CVBS standard definition video output (switchable)

720P(1280×720) 25/30/50/60fps@720P

Auto(ICR) / Color / B/W

Protocol
Video
Resolution

Frame Rate

Video Output

Day/Night

Ordering Information							
Туре	Part Number	Description					
	DH-SD59131I-HC	1MP 31x Starlight IR PTZ HDCVI Camera, WDR, PAL					
1MP PTZ	DH-SD59131IN-HC	1MP 31x Starlight IR PTZ HDCVI Camera, WDR, NTSC					
Camera	SD59131I-HC	1MP 31x Starlight IR PTZ HDCVI Camera, WDR, PAL					
	SD59131IN-HC	1MP 31x Starlight IR PTZ HDCVI Camera, WDR, NTSC					
	PFB300S	Wall Mount					
	PFA110	Mount Adapter					
	AC24V/3A	Power Supply					
	PFA140	Power box					
Accessories	PFB300C	Ceiling Mount					
	PFA120	Junction Box					
	PFA150	Pole Mount					
	PFA151	Corner Mount					
	PFB303S	Parapet mount					

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Included:







PFA110 Mount Adapter



AC24V/3A Power Supply

Optional:



PFA140 Power box



PFA150 Pole Mount



PFB300C Ceiling Mount



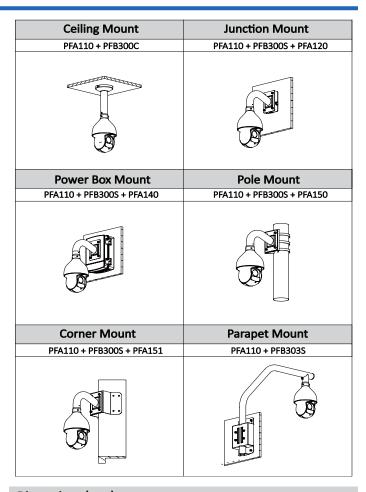
PFA151 Corner Mount



PFA120 Junction Box



PFB303S Parapet Mount



Dimensions (mm)

