

DH-SD59131I-HC

1MP 31x Starlight IR PTZ HDCVI Camera



- · 1/2.8" Exmor R 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.



Gain Control

Noise Reduction

Auto / Manual

Ultra DNR (2D/3D)

chnical Specification	
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age Sensor	1/2.8" Exmor R CMOS
ffective Pixels	1280(H) x 720(V), 1 Megapixels
canning System	Progressive
Electronic Shutter Speed	1/3s~1/300,000s
Minimum Illumination	Color: 0.005Lux@F1.6; 0Lux@F1.6 (IR on)
S/N Ratio	More than 55dB
IR Distance	Distance up to 150m (492ft)
IR On/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
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PTZ	D 00 0000 H
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Presets	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
Speed Setup	Human-oriented focal Length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Video	
Resolution	720P(1280×720)
Frame Rate	25/30/50/60fps@720P
Mide - Outroot	1-channel BNC HDCVI high definition video output/
Video Output	CVBS standard definition video output (switchable)
	CVBS standard definition video output (switchable) Auto(ICR) / Color / B/W
Day/Night	
Day/Night OSD Menu Backlight Compensation	Auto(ICR) / Color / B/W

Ordering Information						
Туре	Part Number	Description				
1MP PTZ Camera	DH-SD59131I-HC	1MP 31x Starlight IR PTZ HDCVI Camera, WDR, PAL				
	DH-SD59131IN-HC	1MP 31x Starlight IR PTZ HDCVI Camera, WDR, NTSC				
	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



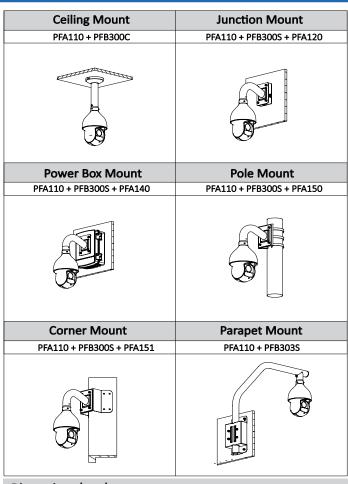
PFA151 Corner Mount



PFA120 Junction Box



PFB303S Parapet Mount



Dimensions (mm)

