

DH-SD59212I-HC

2MP 12x IR PTZ HDCVI Camera



- · 1/2.8" 2Megapixel CMOS
- · Powerful 12x optical zoom
- · DWDR, 3D DNR
- · Max. 25/30fps@1080P, 25/30/50/60fps@720P
- · IR distance up to 100m
- · 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 1080P resolution, with 12x optical zoom. 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.

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.



Technical Specification Camera Image Sensor 1/2.8" CMOS 1920(H) x 1080(V), 2 Megapixels **Effective Pixels** Scanning System Progressive 1/1s~1/30,000s Electronic Shutter Speed Color: 0.05Lux@F1.6; 0Lux@F1.6(IR on) Minimum Illumination S/N Ratio More than 50dB IR Distance Distance up to 100m (328ft) IR On/Off Control Auto/Manual IR LEDs Lens 5.1mm~61.2mm Focal Length Max. Aperture F1.6 ~ F3.0 H: 51.3° ~ 4.6° Angle of View Optical Zoom 12x Auto/Manual **Focus Control** Close Focus Distance 100mm~ 1000mm **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 sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively. Identify Detect Observe Recognize 883m(2897ft) 353m(1158ft) 88m(289ft) 177m(581ft)

PTZ

Resolution Frame Rate

Video Output

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					

1080P(1920×1080)/720P(1280×720)

25/30fps@1080P, 25/30/50/60fps@720P

1-channel BNC high definition video output/

CVBS standard definition video output (switchable)

Day/Night	Auto(ICR) / Color / B/W				
OSD Menu	Support				
Backlight Compensation	BLC / HLC / DWDR				
White Balance	Auto,ATW,Indoor,Outdoor,Manual				
Gain Control	Auto / Manual				
Noise Reduction	Ultra DNR (2D/3D)				
Digital Zoom	16x				
Flip	180°				
Privacy Masking	Up to 24 areas				
Certifications					
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2,No.60950-1				
Interface					
Video Interface	1				
Audio Interface	1 channel in				
RS485	1				
Alarm I/O	2/1				
Electrical					
Power Supply	AC24V/3A(±10%)				
Power Consumption	13W,23W (IR on)				
Environmental					
Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 90% RH				
Ingress Protection	IP66				
Vandal Resistance	N/A				
Construction					
Casing	Metal				

Casing	Metal
Dimensions	Ф186(mm) x 309(mm)
Net Weight	3.5kg(7.72lb)
Gross Weight	6.8kg(14.99lb)

Ordering Information					
Туре	Part Number	Description			
2MP PTZ Camera	DH-SD59212I-HC	2MP 12x IR PTZ HDCVI Camera, PAL			
	DH-SD59212IN-HC	2MP 12x IR PTZ HDCVI Camera, NTSC			
	SD59212I-HC	2MP 12x IR PTZ HDCVI Camera, PAL			
	SD59212IN-HC	2MP 12x IR PTZ HDCVI Camera, NTSC			
Accessories	PFB300S	Wall Mount			
	PFA110	Mount Adapter			
	AC24V/3A	Power Supply			
	PFA140	Power box			
	PFB300C	Ceiling Mount			
	PFA120	Junction Box			
	PFA150	Pole Mount			
	PFA151	Corner Mount			
	PFB303S	Parapet mount			

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Included:



Wall Mount







PFA140 Power box



PFA150 Pole Mount



PFA110 Mount Adapter



PFB300C Ceiling Mount



PFA151 Corner Mount



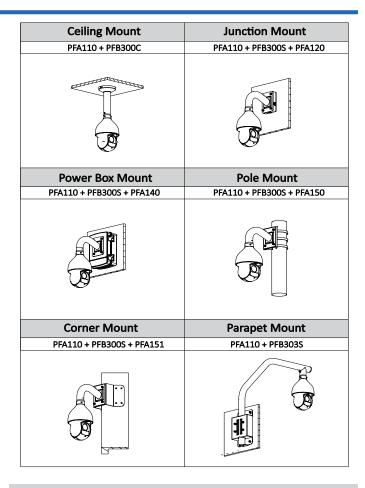
AC24V/3A **Power Supply**



PFA120 Junction Box



PFB303S Parapet Mount



Dimensions (mm)

