



Active System Integration

# DH-SD59212I 220I 230I-HC

2Mp 1080P HDCVI PTZ Dome camera

www.asi.ind.in



## Technical Specification

Model	DH-SD59212I-HC	DH-SD59220I-HC	DH-SD59230I-HC
	<b>Camera</b>		
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1920(H) x 1080(V), 2Megapixels		
Horizontal Resolution	≥1000TVL		
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux (IR on)	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux (IR on)
S/N Ratio	More than 50dB		
Resolution	25/30fps@1080P, 25/30/50/60fps@720P		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		

## Features

- 12x/20x/30x optical zoom
- Max. 25/30fps @1080P (1920 x 1080) & 20/30/50/60fps@720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66, OSD



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### Camera Features

Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
<b>Lens</b>	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4 ~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm
<b>PTZ</b>	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	300(DH-SD), 255(Pelco-P/D)
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
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	150m



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### Audio

Interface	1 channel In
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### Auxiliary Interface

RS485	1
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Alarm	2/1 channel In/Out
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### General

Power Supply	AC24V/3A (±10%)
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Power Consumption	12W, 25W (IR on)
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Working Environment	-40°C ~ 70°C / Less than 90% RH
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Ingress Protection	IP66
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Dimensions	Φ186.0(mm) x 310(mm)
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Weight	3.5Kg
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