



Active System Integration

DH-SD6981B 81C-HN

1.3 MP HD Network IR PTZ Dome camera



Features

- 28x / 30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps @ 1.3M (1280x960) & 720P resolution
- WDR (80C), Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- Max 400°/s pan speed, 360° endless pan rotation optional)
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out

Model	SD6981B-HN	SD6981C-HN
Camera		
Image Sensor	1/4" CMOS	1/3" CCD
Effective Pixels	1280(H) x 960(V)	
Scanning System	Progressive	
Electronic Shutter Speed	1/3(4)~1/10000s	
Min. Illumination	Color: 0.1Lux/F1.6 B/W: 0.01Lux/F1.6	Color: 0.05Lux/F1.6 B/W: 0.005Lux/F1.6
S/N Ratio	More than 50dB	
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC	
Camera Features		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC	BLC / HLC / 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	



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Lens	
Focal Length	4.7mm ~ 94.0mm(20x Optical zoom)
Max Aperture	F1.6 ~ F3.5
Focus Control	Auto / Manual
Angle of View	H: 55.4°~ 2.9°
Close Focus Distance	100mm ~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~250°/s
Preset Speed	Pan: 400°/s; Tilt: 300°/s
Preset	80(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/Pan/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)



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Auxiliary Interface

Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	7/2 channel In/Out
General	
Power Supply	AC 24V/3A ($\pm 10\%$) /DC12V optional (Outdoor) AC 24V/2.2A ($\pm 10\%$) (Indoor in-ceiling)
Power Consumption	15W, 40W(Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP67 (Outdoor)
Vandal Resistance	IK10 (optional)
Dimensions	$\Phi 229.6(\text{mm}) \times 381.5(\text{mm})$
Weight	7.0kg

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