

PRODUCT SPECIFICATIONS

DH-SD6C120I-HC

1 Megapixel 720P Water – Proof HDCVI PTZ camera with IR



Features

- 20x Optical Zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto Focus
- High speed real-time transmission up to 1500 Feet.
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 Alarm in/out
- IR Distance up to 300 feet
- IP66

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Technical Specifications

Model	DH-SD6C120I-HC
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H) x 960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	720P(25/30/50/60fps)
Video Output	1-channel BNC HDCVI high definition video output
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
Lens	
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
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /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)
IR Distance	300 feet (2 near IR LED+ 4 long distance IR LED)
Audio	
Interface	1 channel In

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Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/2.2A ($\pm 10\%$)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	$-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$ / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	$\Phi 204.7(\text{mm}) \times 335.9(\text{mm})$
Weight	7.5kg

Dimensions (mm)

