

# PRODUCT SPECIFICATIONS

## DH-SD63120I-HC

### 1 Megapixel 720P Water – Proof HDCVI PTZ camera



#### 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 400°/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
- Support intelligent 3D positioning with DH-SD protocol
- IP66

#### Technical Specifications

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<b>Model</b>	<b>DH-SD63120I-HC</b>
<b>Camera</b>	
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
S/N Ratio	More than 50dB
Resolution	720P(25/30/50/60fps)
Video Output	1-channel BNC HDCVI high definition video output
<b>Camera Features</b>	
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: -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)
<b>Audio</b>	
Interface	1 channel In
<b>Auxiliary Interface</b>	
RS485	1
Alarm	2/1 channel In/Out

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General	
Power Supply	AC 24V/2.2A ( $\pm 10\%$ )
Power Consumption	9.5W, 21W (Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	$\Phi 222(\text{mm}) \times 322(\text{mm})$
Weight	7.5kg

## Dimensions (mm)

