DH-SD22204I-GC
2MP 4x PTZ HDCVI Camera

- 1/2.7” 2Megapixel CMOS
- Powerful 4x optical zoom
- 120dB true WDR, 3D DNR
- Max. 25/30fps@1080P, 25/30/50/60fps@720P
- IP66, IK10

System Overview

Featuring with powerful optical zoom and accurate pan/tilt/zoom performance, the SD22 series PTZ camera can provide large monitoring range and great detail. The camera delivers 1080P resolution at 25/30 fps, with 4x optical zoom. SD22 series PTZ is equipped with smooth control, high quality image and good protection, which make it can meet small size 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 -30 °C to +60 °C (-22 °F to +140 °F), the camera is designed for extreme temperature environments. The camera complies to an IK10 impact rating making it capable of withstanding the equivalent of 55 kg (120 lbs) of force. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications.
## Technical Specification

### Camera
- **Image Sensor**: 1/2.7" CMOS
- **Effective Pixels**: 1944(H) x 1092(V), 2 Megapixels
- **Scanning System**: Progressive
- **Electronic Shutter Speed**: 1/3s~1/300,000s
- **Minimum Illumination**: Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
- **S/N Ratio**: More than 55dB
- **IR Distance**: N/A
- **IR On/Off Control**: N/A
- **IR LEDs**: N/A

### Lens
- **Focal Length**: 2.7mm~11mm
- **Max. Aperture**: N/A
- **Angle of View**: H: 112.5° ~ 30°
- **Optical Zoom**: 4x
- **Focus Control**: Auto/Manual
- **Close Focus Distance**: 100mm~1000mm

### PTZ
- **Pan/Tilt Range**: Pan: 0° ~ 355°; Tilt: 0° ~ 90°
- **Manual Control Speed**: Pan: 0.1°~100° /s; Tilt: 0.1°~60° /s
- **Preset Speed**: Pan: 100° /s; Tilt: 60° /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
- **Resolution**: 1080P(1920×1080)/720P(1280×720)
- **Frame Rate**: 25/30fps@1080P, 25/30/50/60fps@720P
- **Video Output**: 1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (switchable)
- **Day/Night**: Auto(ICR) / Color / B/W
- **OSD Menu**: Support
- **Backlight Compensation**: BLC / HLC / WDR(120dB)
- **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**: 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**: N/A
- **RS485**: 1
- **Alarm**: N/A

### Electrical
- **Power Supply**: DC 12V/1.5A
- **Power Consumption**: 10W

### Environmental
- **Operating Conditions**: -30°C ~ 60°C (~22°F ~ +140°F) / Less than 90% RH
- **Ingress Protection**: IP66
- **Vandal Resistance**: IK10

### Construction
- **Casing**: Metal
- **Dimensions**: Ø122 (mm) x 89 (mm)
- **Net Weight**: 0.6kg(1.32lb)
- **Gross Weight**: 0.65kg(1.43lb)
## Ordering Information

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
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<tbody>
<tr>
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<td>PFA137</td>
<td>Mount Adapter</td>
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<td>DC12V/1.5A</td>
<td>Power Supply</td>
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<tr>
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<td>PFB202W</td>
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<td>PFB200C</td>
<td>In-ceiling Mount</td>
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<td>PFA152</td>
<td>Pole Mount</td>
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## Accessories

Optional:

- PFA137 Mount Adapter
- DC12V/1.5A Power Supply
- PFB202W Wall Mount
- PFA152 Pole Mount
- PFB200C Ceiling Mount

## Dimensions (mm)

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