



## Dahua Technology DH-SD22204DB-GC security camera Dome CCTV security camera Indoor & outdoor 1920 x 1080 pixels Ceiling

**Brand :** Dahua Technology

**Product code:** DH-SD22204DB-GC

**Product name :** DH-SD22204DB-GC

Dahua Technology DH-SD22204DB-GC. Type: CCTV security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: White, Form factor: Dome. Minimum illumination: 0.0005 lx, Lens viewing angle, horizontal: 99.1°, Lens viewing angle, vertical: 53.4°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.8 mm (1 / 2.8"), Number of effective pixels (H x V): 1920 x 1080 pixels. Optical zoom: 4x, Digital zoom: 16x, Detect distance: 151.7 m

| Performance                        |                                                                                                                    | Video                             |                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------|
| Type *                             | CCTV security camera                                                                                               | Total megapixels *                | 2 MP                                                                                   |
| Placement supported *              | Indoor & outdoor                                                                                                   | Video compression formats         | H.264, H.264+, H.264B, H.264H, H.265, H.265+, M-JPEG                                   |
| Connectivity technology *          | Wired                                                                                                              | Supported graphics resolutions    | 352 x 240, 352 x 288, 704 x 480, 704 x 576, 1280 x 720 (HD 720), 1920 x 1080 (HD 1080) |
| PTZ control                        | ✓                                                                                                                  | Supported video modes             | 720p, 1080p                                                                            |
| PTZ modes                          | 8 Tour, Preset sequence                                                                                            | Frame rate                        | 30 fps                                                                                 |
| PTZ protocols                      | Pelco-P/D                                                                                                          | Video streaming                   | ✓                                                                                      |
| Preset points                      | ✓                                                                                                                  | Noise reduction                   | ✓                                                                                      |
| Wide Dynamic Range (WDR)           | ✓                                                                                                                  | Noise reduction technology        | 2D noise reduction, 3D noise reduction                                                 |
| Day/night mode                     | ✓                                                                                                                  | Gain control type                 | Auto/Manual                                                                            |
| Certification                      | CE: EN55032/EN55024/EN50130-4<br>FCC: Parte 15 subparte B, ANSI C63.4-2014 UL: UL60950-1+CAN/CSA C22.2, No.60950-1 | Bit rate control                  | Constant Bit Rate (CBR)/Variable Bit Rate (VBR)                                        |
|                                    |                                                                                                                    | Bit rate                          | 448K - 8192Kbps, 5120K - 10240Kbps                                                     |
|                                    |                                                                                                                    | Back Light Compensation (BLC)     | ✓                                                                                      |
| Design                             |                                                                                                                    | Highlight Compensation (HLC)      | ✓                                                                                      |
| Form factor *                      | Dome                                                                                                               | Digital Wide Dynamic Range (DWDR) | ✓                                                                                      |
| Mounting type *                    | Ceiling                                                                                                            | Region of Interest (ROI) encoding | ✓                                                                                      |
| Product colour *                   | White                                                                                                              | Audio                             |                                                                                        |
| International Protection (IP) code | IP66                                                                                                               | Signal-to-Noise Ratio (SNR)       | 50 dB                                                                                  |
| IK code                            | IK10                                                                                                               | Network                           |                                                                                        |
| Camera                             |                                                                                                                    | Ethernet LAN *                    | ✗                                                                                      |
| Camera pan control                 | ✓                                                                                                                  | Wi-Fi *                           | ✗                                                                                      |
| Camera tilt control                | ✓                                                                                                                  | Bluetooth *                       | ✗                                                                                      |
| Minimum illumination               | 0.0005 lx                                                                                                          | Storage                           |                                                                                        |
| Lens viewing angle, horizontal     | 99.1°                                                                                                              | Built-in HDD *                    | ✗                                                                                      |
| Lens viewing angle, vertical       | 53.4°                                                                                                              | Internal memory                   | 256 MB                                                                                 |
| Lens viewing angle, diagonal       | 117.7°                                                                                                             | ROM capacity                      | 128 MB                                                                                 |
| Tilt angle range                   | 0 - 90°                                                                                                            | Ports & interfaces                |                                                                                        |
| Tilt speed                         | 60 °/sec                                                                                                           | RS-485 ports                      | 1                                                                                      |
| Pan range                          | 0 - 355°                                                                                                           | BNC output ports                  | 1                                                                                      |
| Pan speed                          | 100 °/sec                                                                                                          | DC-in jack                        | ✓                                                                                      |
| Pan preset speed                   | 100 °/sec                                                                                                          | Security                          |                                                                                        |
| White balance                      | ATW, Auto, Indoor, Manual, Outdoor                                                                                 | Video motion detection            | ✓                                                                                      |
| Camera shutter type                | Electronic                                                                                                         | Power                             |                                                                                        |
| Camera shutter speed               | 1/1 - 1/30000 s                                                                                                    | Power source type *               | DC                                                                                     |
| Image sensor                       |                                                                                                                    | Power consumption (typical)       | 7 W                                                                                    |
| Optical sensor size                | 25.4 / 2.8 mm (1 / 2.8")                                                                                           |                                   |                                                                                        |
| Progressive scan                   | ✓                                                                                                                  |                                   |                                                                                        |
| Sensor type *                      | CMOS                                                                                                               |                                   |                                                                                        |
| Number of effective pixels (H x V) | 1920 x 1080 pixels                                                                                                 |                                   |                                                                                        |
| Lens system                        |                                                                                                                    |                                   |                                                                                        |
| Zoom capability                    | ✓                                                                                                                  |                                   |                                                                                        |

| Lens system          |                    | Power                             |             |
|----------------------|--------------------|-----------------------------------|-------------|
| Optical zoom         | 4x                 | Power consumption (max)           | 9 W         |
| Digital zoom         | 16x                | DC output voltage                 | 12          |
| Detect distance      | 151.7 m            | DC output current                 | 1 A         |
| Observe distance     | 59.9 m             | Operational conditions            |             |
| Recognize distance   | 30.3 m             | Operating temperature (T-T)       | -30 - 60 °C |
| Focal length range   | 2.7 - 11 mm        | Storage temperature (T-T)         | -30 - 60 °C |
| Focus                | Motorized/Manual   | Operating relative humidity (H-H) | 0 - 95%     |
| Identify distance    | 15.2 m             | Storage relative humidity (H-H)   | 0 - 95%     |
| Night vision         |                    | Weight & dimensions               |             |
| Night vision *       | ✓                  | Height                            | 88.9 mm     |
| LED type             | IR                 | Diameter                          | 12.2 cm     |
| Video                |                    | Weight                            | 600 g       |
| Maximum resolution * | 1920 x 1080 pixels | Packaging data                    |             |
|                      |                    | Package weight                    | 650 g       |
|                      |                    | Package type                      | Box         |
|                      |                    | Packaging content                 |             |
|                      |                    | Number of cameras *               | 1           |

## Catalog Object Cloud



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