

Code: SD52C430I-HC

**AHD, HD-CVI, HD-TVI, PAL SPEED DOME CAMERA INDOOR SD52C430I-HC**  
**- 4.0 Mpx 4.5 ... 135 mm DAHUA**  
Net: **643.65 EUR** Gross: **643.65 EUR**

Megapixel camera with 1/3" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.  
The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in 4.0 Mpx resolution. During transmission there are no delays and is maintained the original, high quality image.



## SPECIFICATION

|                                         |                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Standard:                               | AHD, HD-CVI, HD-TVI, PAL                                                                                          |
| Sensor:                                 | 1/3 " Progressive Scan CMOS                                                                                       |
| Matrix size:                            | 4.0 Mpx                                                                                                           |
| Resolution:                             | 2592 x 1920 px - 4.0 Mpx - HD-CVI only ,<br>1920 x 1080 px - 1080p<br>1280 x 720 px - 720p<br>960 x 576 px - 960H |
| Range of IR illumination:               | —                                                                                                                 |
| Lens:                                   | 4.5 ... 135 mm                                                                                                    |
| View angle:                             | • 60 ° ... 2.2 ° (manufacturer data)<br>• 56 ° ... 2.9 ° (our tests result)                                       |
| Optical zoom:                           | x 30                                                                                                              |
| Digital zoom:                           | x 16                                                                                                              |
| Rotation speed depending on ZOOM level: | ✓                                                                                                                 |
| Horizontal rotation range:              | 360 ° continuous                                                                                                  |
| Vertical rotation range:                | 0 ° ... 90 °                                                                                                      |
| Rotation speed (manual control):        | 0.1 °/s ... 350 °/s (horizontal) ,<br>0.1 °/s ... 250 °/s (vertical)                                              |
| Preset rotation speed:                  | 500 °/s (horizontal)<br>500 °/s (vertical)                                                                        |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PTZ control:            | Via interface RS-485<br>The ability to control via coaxial cable from recorder                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protocols:              | Pelco-D, Pelco-P, DH-SD (auto detection)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| S/N ratio:              | > 55 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Video output:           | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Audio:                  | External microphone input - HD-CVI only                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Number of presets:      | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Route settings:         | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Horizontal scan:        | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Park action:            | Call the set function (tour, scan, etc.) after specified dwell time                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alarm inputs / outputs: | 2 / 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main features:          | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• 24 Configurable Privacy Zones</li> <li>• Auto restore to previous PTZ and lens status after power failure</li> <li>• Human-oriented focal length and speed adaptation</li> </ul> |
| OSD menu:               | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power supply:           | 24 V AC / 1.5 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Power consumption:      | ≤ 13 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Housing:                | Speed Dome, Metal / Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color:                  | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| "Index of Protection":  | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:           | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operation temp:         | -40 °C ... 70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight:                 | 2.40 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions:             | Ø 198 x 177 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Supported languages:    | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer / Brand:   | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Guarantee:              | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## PRESENTATION

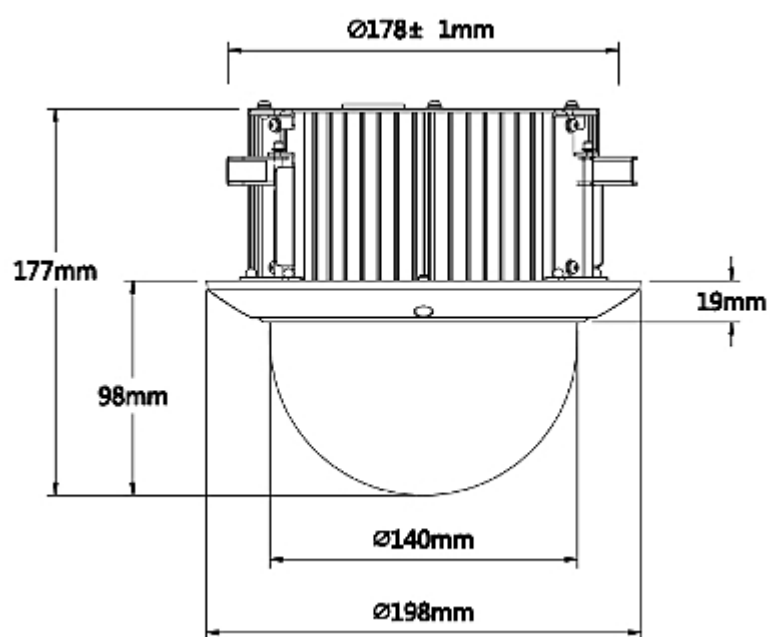
Camera view after remove the Dome cover:



On the body, under the cover there are placed configuration switches:

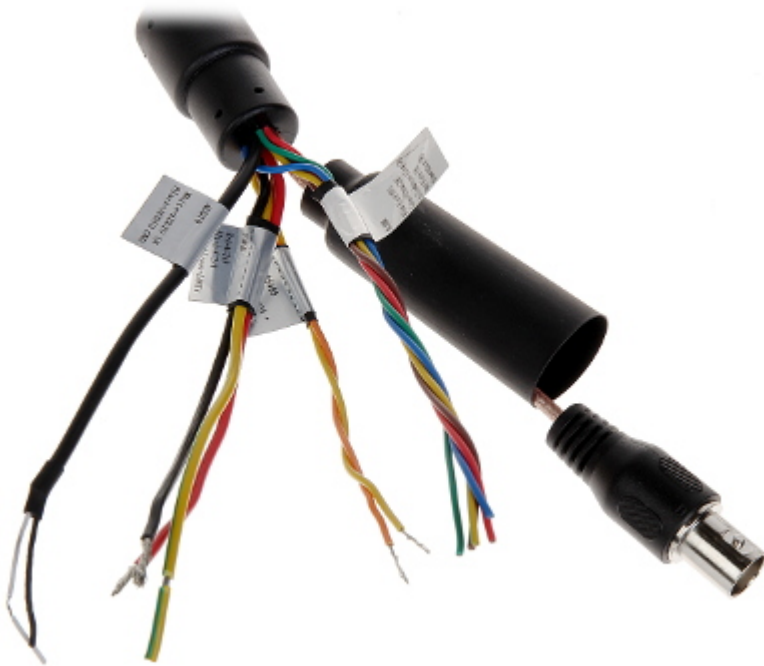


Camera dimensions:

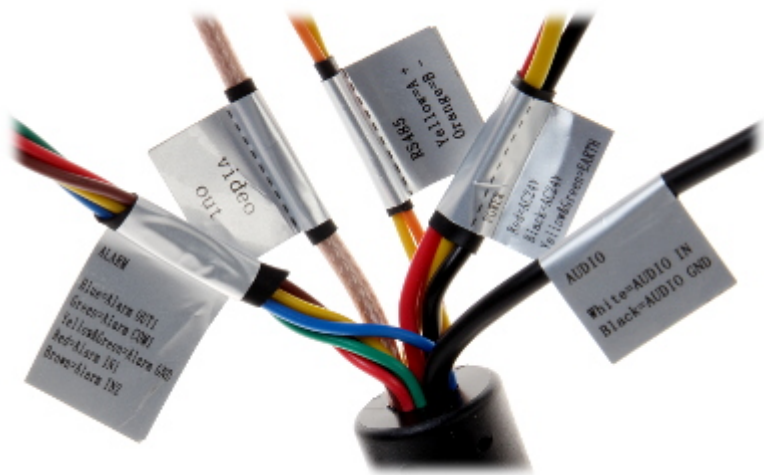


Camera connectors:





Connectors description:



In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with external IR illuminator on:



Camera image at direct strong light opposite to camera:



HD-CVI:

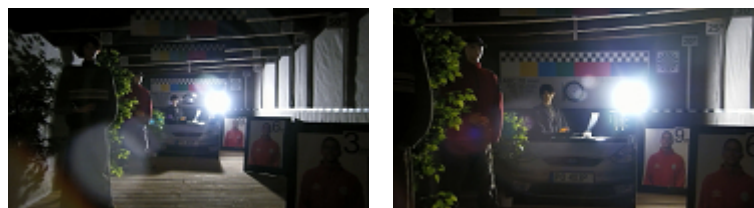
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with external IR illuminator on:

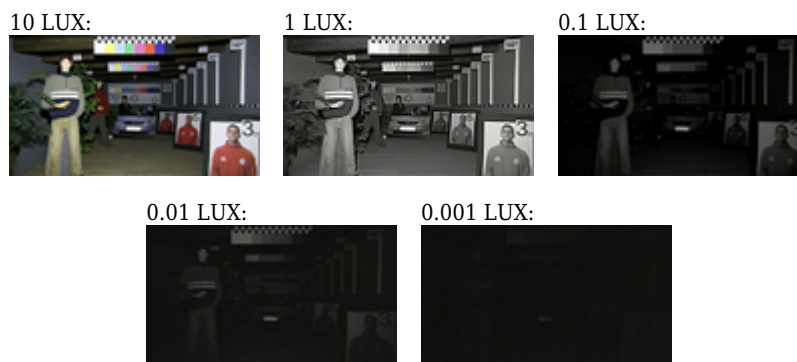


Camera image at direct strong light opposite to camera:



Camera image at night conditions, at different illumination values show below:





HD-TVI:

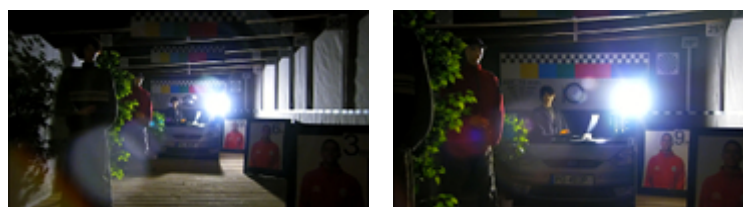
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with external IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|