

Code: SD22204T-GN

# IP SPEED DOME CAMERA OUTDOOR **SD22204T-GN** - 1080p 2.7 ... 11 mm DAHUA

Net: **241.15 EUR** Gross: **241.15 EUR**

IP camera equipped with very good high resolution sensor. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras.

For a few models of IP cameras working at  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.



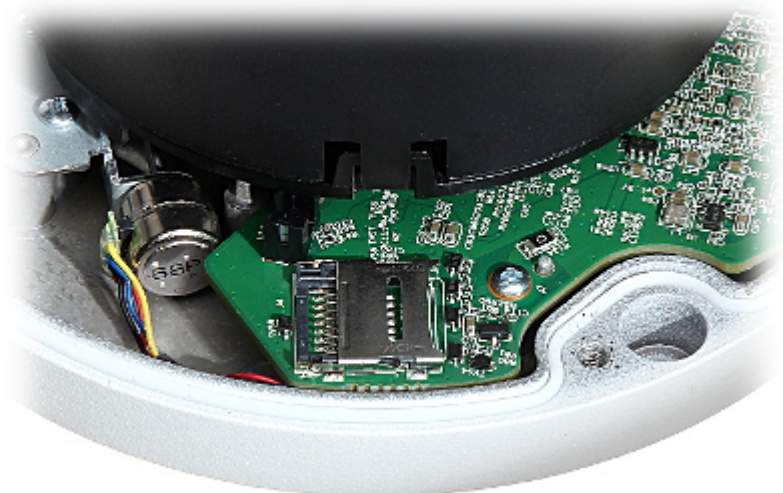
## SPECIFICATION

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                        |
| Sensor:                          | 1/2.7 " Progressive Scan Exmor CMOS                                           |
| Matrix size:                     | 2.0 Mpx                                                                       |
| Resolution:                      | 1920 x 1080 - 1080p<br>1280 x 720 - 720p                                      |
| IR illuminator:                  | —                                                                             |
| Scanning system:                 | Progressive                                                                   |
| Lens:                            | 2.7 ... 11 mm                                                                 |
| View angle:                      | • 112.5 ° ... 30 ° (manufacturer data)<br>• 112 ° ... 35 ° (our tests result) |
| Optical zoom:                    | x 4                                                                           |
| Digital zoom:                    | x 16                                                                          |
| Min. illumination:               | 0.05 Lux (color)<br>0.005 Lux (B/W)                                           |
| S/N ratio:                       | > 50 dB (AGC off)                                                             |
| Preset rotation speed:           | 100 °/s (horizontal)<br>60 °/s (vertical)                                     |
| Rotation speed (manual control): | • 0.1 °/s ... 100 °/s (horizontal)<br>• 0.1 °/s ... 60 °/s (vertical)         |
| Horizontal rotation range:       | 355 °                                                                         |
| Vertical rotation range:         | 0 ° ... 90 °                                                                  |
| Protocols:                       | DH-SD                                                                         |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                              |
| Number of presets:             | 300                                                                                                                                                                                                                                                                                                                                                                                                            |
| Horizontal scan:               | ✓                                                                                                                                                                                                                                                                                                                                                                                                              |
| Route settings:                | 5                                                                                                                                                                                                                                                                                                                                                                                                              |
| Image compression method:      | H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                  |
| Audio:                         | —                                                                                                                                                                                                                                                                                                                                                                                                              |
| Bitrate:                       | <ul style="list-style-type: none"> <li>• 448 ... 8192 kbps - H.264</li> <li>• 5120 ... 10240 kbps - MJPEG</li> </ul>                                                                                                                                                                                                                                                                                           |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                              |
| Main stream frame rate:        | 25 fps @ 1920 x 1080 Mpx                                                                                                                                                                                                                                                                                                                                                                                       |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                          |
| Network protocols:             | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour                                                                                                                                                                                                                                                                   |
| Memory card slot:              | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                           |
| WEB Server:                    | Built-in, NVR compliance                                                                                                                                                                                                                                                                                                                                                                                       |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                             |
| ONVIF:                         | 2.42                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mobile phones support:         | Port 37777<br><ul style="list-style-type: none"> <li>• Android: Free application <a href="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>                                                                                                                                                                                                                                |
| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                  |
| Default admin user / password: | admin / -                                                                                                                                                                                                                                                                                                                                                                                                      |
| Web browser access ports:      | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                      |
| PC client access ports:        | 37777                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mobile client access ports:    | 37777                                                                                                                                                                                                                                                                                                                                                                                                          |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                             |
| RTSP URL:                      | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                |
| Main features:                 | <ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• Motion Detection</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• Configurable Privacy Zones</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• AGC - Automatic Gain Control</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• IVS analysis : face detection</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• 12 V DC / 820 mA</li> <li>• PoE (802.3af)</li> </ul>                                                                                                                                                                                                                                                                                                                  |
| Power consumption:             | ≤ 10 W                                                                                                                                                                                                                                                                                                                                                                                                         |
| Housing:                       | Speed Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                              |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                          |
| Supported languages:           | English, Polish                                                                                                                                                                                                                                                                                                                                                                                                |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                               |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                           |
| Weight:                        | 0.522 kg                                                                                                                                                                                                                                                                                                                                                                                                       |







See how to initialize DAHUA cameras:

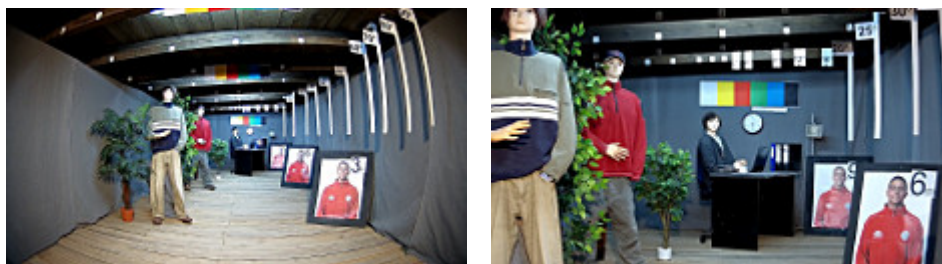
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In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):

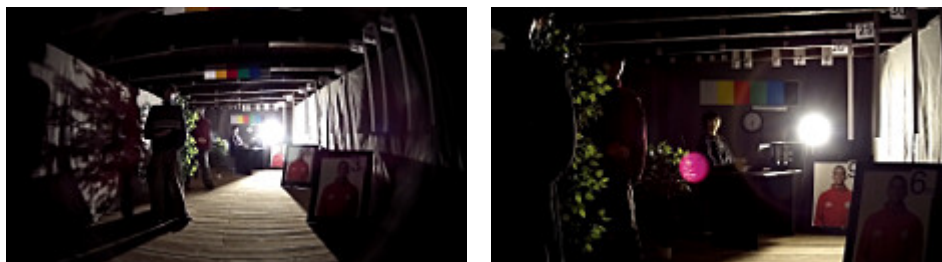


Camera image at night conditions with external IR illuminator on:



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Camera image at direct strong light opposite to camera:



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

1 LUX:



0.1 LUX:



0.01 LUX:



## PACKAGE

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