

Code: SD22404T-GN

## IP SPEED DOME CAMERA OUTDOOR **SD22404T-GN** - 4 Mpx 2.7 ... 11 mm DAHUA

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.



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|------------------------|----------------------------------------------------------------------------------------------|
| Standard:              | TCP/IP                                                                                       |
| Sensor:                | 1/3 " Progressive Scan Exmor CMOS                                                            |
| Matrix size:           | 4 Mpx                                                                                        |
| Resolution:            | 2592 x 1520 - 4 Mpx ,<br>2304 x 1296 - 3.0 Mpx ,<br>1920 x 1080 - 1080p<br>1280 x 720 - 720p |
| IR illuminator:        | —                                                                                            |
| Scanning system:       | Progressive                                                                                  |
| Lens:                  | 2.7 ... 11 mm                                                                                |
| View angle:            | • 113 ° ... 30 ° (manufacturer data)<br>• 100 ° ... 33 ° (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)                                                    |



# DATA SHEET

|                                  |                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rotation speed (manual control): | <ul style="list-style-type: none"><li>• 0.1 °/s ... 100 °/s (horizontal)</li><li>• 0.1 °/s ... 60 °/s (vertical)</li></ul>                                                      |
| 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.265 / H.264 / H.264H / MJPEG                                                                                                                                                  |
| Audio:                           | —                                                                                                                                                                               |
| Bitrate:                         | 448 ... 8192 kbps                                                                                                                                                               |
| Alarm inputs / outputs:          | —                                                                                                                                                                               |
| Main stream frame rate:          | 25 fps @ 4.0 Mpx                                                                                                                                                                |
| Network interface:               | 10/100 Base-T (RJ-45)                                                                                                                                                           |
| Network protocols:               | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x                             |
| 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 |

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| Main features:         | <ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• Motion Detection</li> <li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>• WDR - 120 dB - Wide Dynamic Range</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>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• IVS analysis, crossing the line (tripwire), intrusion, abandoned/missing object, face detection, people counting</li> <li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li> </ul> |
| Power supply:          | <ul style="list-style-type: none"> <li>• 12 V DC / 830 mA</li> <li>• PoE (802.3af)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power consumption:     | ≤ 10 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Housing:               | Speed Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation temp:        | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Vandal-proof:          | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                | 0.57 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:            | Ø 122 x 89 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Supported languages:   | Polish, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |