

Code: SD52C432XA-HNR

## IP SPEED DOME CAMERA OUTDOOR **SD52C432XA-HNR** - 3.7 Mpx, 4.9 ... 156 mm DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.

For a few models of IP cameras working at 4Mpx resolution we recommend to use of network with 1Gb/s bandwidth.



|                    |                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| Standard:          | TCP/IP                                                                                                                   |
| Sensor:            | 1/2.8 " STARVIS™ CMOS                                                                                                    |
| Matrix size:       | 4 Mpx                                                                                                                    |
| Resolution:        | 2560 x 1440 - 3.7 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p |
| Lens:              | 4.9 ... 156 mm                                                                                                           |
| View angle:        | • 62 ° ... 2.1 ° (manufacturer data)<br>• 52 ° ... 2.6 ° (our tests result)                                              |
| Optical zoom:      | x 32                                                                                                                     |
| Digital zoom:      | x 16                                                                                                                     |
| Min. illumination: | • 0.005 Lux @ F1.35 (color),<br>• 0.0005 Lux @ F1.35 (B/W)                                                               |



# DATA SHEET

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| Video output:                    | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preset rotation speed:           | max. 500 °/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Rotation speed (manual control): | 0.1 °/s ... 350 °/s (horizontal)<br>0.1 °/s ... 250 °/s (vertical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Horizontal rotation range:       | 360 ° continuous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Vertical rotation range:         | 0 ° ... 90 °                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RS-485 interface:                | PELCO-D/P, DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Number of presets:               | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Horizontal scan:                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Route settings:                  | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Image compression method:        | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alarm inputs / outputs:          | 2 / 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Audio:                           | <ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main stream frame rate:          | 25 fps - 4 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Network interface:               | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network protocols:               | IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMPv1/v2c/v3(MIB-2), DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, ARP, RTCP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WEB Server:                      | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Max. number of on-line users:    | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ONVIF:                           | 19.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Memory card slot:                | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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>• EIS - Electronic Image Stabilization</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• ROI - improve the quality of selected parts of image</li><li>• SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Privacy zones - max. 24</li><li>• ICR - Movable InfraRed filter</li><li>• Sharpness - sharper image outlines</li><li>• Mirror - Mirror image</li><li>• Day/night mode</li><li>• Intelligent Object Tracking</li><li>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection</li></ul> |
| Mobile phones support:           | Port no.: 37777 or access by a cloud (P2P)<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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



# DATA SHEET

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| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                        |
| Web browser access ports:      | 80, 37777                                                                                                                                                                       |
| PC client access ports:        | 37777                                                                                                                                                                           |
| Mobile client access ports:    | 37777                                                                                                                                                                           |
| Port ONVIF:                    | 80                                                                                                                                                                              |
| RTSP URL:                      | rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 24 V AC / 1.5 A (power adapter included)</li></ul>                                                             |
| Power consumption:             | ≤ 13 W                                                                                                                                                                          |
| Housing:                       | Speed Dome Metal                                                                                                                                                                |
| Color:                         | White                                                                                                                                                                           |
| Vandal-proof:                  | IK10                                                                                                                                                                            |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                |
| Weight:                        | 2.43 kg                                                                                                                                                                         |
| Dimensions:                    | Ø 198 x 177 mm                                                                                                                                                                  |
| Supported languages:           | Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Russian, Italian                                                                                            |
| Manufacturer / Brand:          | DAHUA                                                                                                                                                                           |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                  |