# DATA SHEET

Code: SD59432XA-HNR

## IP SPEED DOME CAMERA OUTDOOR **SD59432XA-HNR** - 3.7 Mpx 4.9 ... 156 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.

Built-in IR illuminator allows to operate at night conditions, and vari-focal lens with wide range of view angle adjustment enables optimal set the view field of camera to all conditions. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image. 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 ≥ 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.

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| 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 720 720p |
| Lens: | 4.9 ... 156 mm |
| View angle: | • 68 ° ... 2.2 ° (manufacturer data)<br>• 53 ° ... 2.5 ° (our tests result) |
| Optical zoom: | x 32 |
| Digital zoom: | x 16 |
| Range of IR illumination: | 150 m |
| Video output: | – |

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| Preset rotation speed: | • 400 °/s (horizontal)<br>• 300 °/s (vertical) |
| Rotation speed (manual control): | • 0.1 °/s ... 300 °/s (horizontal)<br>• 0.1 °/s ... 200 °/s (vertical) |
| Horizontal rotation range: | 360 ° - continuous |
| Vertical rotation range: | -10 ° ... 90 ° |
| RS-485 interface: | – |
| 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: | • External microphone input<br>• Audio output<br>• Bi-directional audio streaming support |
| Main stream frame rate: | 25 fps @ 3.7 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, UDP, IGMP, ICMP, DHCP, PPPoE, ARP, RTCP |
| WEB Server: | Built-in |
| Max. number of on-line users: | 19 |
| ONVIF: | 18.12 |
| Memory card slot: | Micro SD memory cards up to 256GB support (possible local recording) |
| Mobile phones support: | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application DMSS<br>• iOS (iPhone): Free application DMSS |
| Default IP address: | 192.168.1.108 |
| 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: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: | • Intelligent Object Tracking<br>• WDR - 120 dB - Wide Dynamic Range<br>• 2D-DNR, 3D-DNR - Digital Noise Reduction<br>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)<br>• AGC - Automatic Gain Control<br>• EIS - Electronic Image Stabilization<br>• ROI - improve the quality of selected parts of image<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• BLC/HLC - Back Light / High Light Compensation<br>• Motion Detection<br>• Privacy zones - max. 24<br>• Day/night mode<br>• ICR - Movable InfraRed filter<br>• Sharpness - sharper image outlines<br>• SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle<br>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, scene changing, face detection<br>• Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion) |
| Power supply: | • PoE (802.3at),<br>• 24 V AC / 3 A (power adapter included) |
| Power consumption: | ≤ 24 W |
| Housing: | Speed Dome, Metal + Plastic |
| Color: | White + Black |
| Operation temp: | -40 °C ... 70 °C |
| "Index of Protection": | IP66 |
| Weight: | 4.4 kg (with bracket) |
| Dimensions: | 190 x 415 x 268 mm (with bracket) |
| Supported languages: | English, Turkish |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | **3 years** |

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