# DATA SHEET

Code: SD6C430U-HNI

## IP SPEED DOME CAMERA OUTDOOR **SD6C430U-HNI** - 4.0 Mpx, 4.5 ... 135 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).
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 4Mpx resolution we recommend to use of network with 1Gb/s bandwidth.

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|---|---|
| Standard: | TCP/IP |
| Sensor: | 1/3 " Progressive Scan CMOS |
| Matrix size: | 4.0 Mpx |
| Resolution: | 2592 x 1520 - 4.0 Mpx ,<br>2304 x 1296 - 3.0 Mpx ,<br>1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p<br>704 x 576 - D1 |
| Scanning system: | Progressive |
| Lens: | 4.5 ... 135 mm |
| View angle: | • 60 ° ... 2.2 ° (manufacturer data)<br>• 57 ° ... 2.6 ° (our tests result) |
| Optical zoom: | x 30 |
| Digital zoom: | x 16 |
| Range of IR illumination: | 100 m |

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| S/N ratio: | > 55 dB (AGC off) |
| Video output: | 1 Vpp / 75 Ω |
| Preset rotation speed: | max. 240 °/s (horizontal)<br>max. 200 °/s (vertical) |
| Rotation speed (manual control): | 0.1 °/s ... 160 °/s (horizontal)<br>0.1 °/s ... 120 °/s (vertical) |
| Horizontal rotation range: | 360 ° continuous |
| Vertical rotation range: | -15 ° ... 90 ° |
| RS-485 interface: | ✔ |
| Protocols: | Pelco-D, Pelco-P, DH-SD - Auto detection |
| Number of presets: | 300 |
| Horizontal scan: | ✔ |
| Route settings: | 8 |
| Image compression method: | H.265 / H.264 / MJPEG |
| Bitrate: | 448 ... 8192 kbps - H.265 / H.264<br>5120 ... 10240 kbps - MJPEG |
| Alarm inputs / outputs: | 2 / 1 |
| Audio: | • External microphone input<br>• Audio output |
| Main stream frame rate: | 1 ... 25 fps - 4.0 Mpx<br>1 ... 50 fps - 1080p |
| Memory card slot: | Micro SD memory cards up to 128GB support (possible local recording) |
| 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, 802.1x Radius |
| WEB Server: | Built-in, NVR compliance |
| Max. number of on-line users: | 20 |
| ONVIF: | 2.42 |
| Mobile phones support: | Port 37777<br>• Android: Free application DMSS<br>• iOS (iPhone): Free application DMSS |
| Default IP address: | 192.168.1.108 |
| Default admin user / password: | admin / admin |
| Web browser access ports: | 80, 37777 |
| PC client access ports: | 37777 |
| Mobile client access ports: | 37777 |
| Port ONVIF: | 80 |

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|---|---|
| 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: | • WDR - 120 dB - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• EIS - Electronic Image Stabilization<br>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection<br>• Intelligent Object Tracking<br>• ICR - Movable InfraRed filter<br>• AGC - Automatic Gain Control<br>• ROI - improve the quality of selected parts of image<br>• Configurable Privacy Zones - 24<br>• BLC/HLC - Back Light / High Light Compensation<br>• Sharpness - sharper image outlines<br>• Mirror - Mirror image<br>• Day/Night mode (color/b&w/auto) |
| Power supply: | 24 V AC / 3 A (power adapter included) |
| Power consumption: | ≤ 26 W |
| Housing: | Speed Dome, Metal |
| Color: | White |
| Operation temp: | -40 °C ... 60 °C |
| "Index of Protection": | IP66 |
| Weight: | 5.45 kg (with bracket) |
| Dimensions: | 205  x 263  x 360 mm (with bracket) |
| Supported languages: | English, Polish |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | **3 years** |

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