

Code: SD6AE530U-HNI

## IP SPEED DOME CAMERA OUTDOOR **SD6AE530U-HNI** - 5.0 Mpx 6 ... 180 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).

The biggest advantage of the camera is the lens with x30 optical zoom, which together with long range IR illuminator allow to 24 hours surveillance without any additional lighting even at area of several hundred meters.

For a few models of IP cameras working at 5 Mpx resolution we recommend to use of network with 1Gb/s bandwidth.



|                           |  |
|---------------------------|--|
| Standard:                 | TCP/IP   |
| Sensor:                   | 1/1.9 " STARVIS™ CMOS  |
| Matrix size:              | 6.0 Mpx  |
| Resolution:               | 2560 x 1920 - 5.0 Mpx<br>2048 x 1536 - 3.0 Mpx<br>1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p |
| Scanning system:          | Progressive  |
| Lens:                     | 6 ... 180 mm   |
| View angle:               | • 61 ° ... 2.1 ° (manufacturer data)<br>• 48 ° ... 2.7 ° (our tests result)  |
| Optical zoom:             | x 30   |
| Digital zoom:             | x 16   |
| Range of IR illumination: | 200 m  |



# DATA SHEET

|                                  |   |
|----------------------------------|---|
| S/N ratio:                       | > 56 dB (AGC off)   |
| Video output:                    | 1 Vpp / 75 Ω  |
| Preset rotation speed:           | max. 240 °/s  |
| Rotation speed (manual control): | 0.1 °/s ... 240 °/s (horizontal)<br>0.1 °/s ... 120 °/s (vertical)  |
| Horizontal rotation range:       | 360 ° continuous  |
| Vertical rotation range:         | -20 ° ... 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:                         | 56 ... 8192 kbps - H.265 / H.264<br>56 ... 11520 kbps - MJPEG   |
| Alarm inputs / outputs:          | 7 / 2   |
| Audio:                           | <ul style="list-style-type: none"><li>• 1 Audio input</li><li>• 1 Audio output</li><li>• Audio detection</li></ul>  |
| Main stream frame rate:          | 1 ... 25 fps - 5.0 Mpx<br>1 ... 50 fps - 1080p  |
| Network interface:               | 10/100 Base-T (RJ-45)   |
| Network protocols:               | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UDP, UPnP, ICMP, IGMP, RTP, SNMP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x  |
| 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>  |
| Memory card slot:                | Micro SD memory cards up to 128GB support (possible local recording)  |
| Main features:                   | <ul style="list-style-type: none"><li>• WDR - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• ICR - Movable InfraRed filter</li><li>• Configurable Privacy Zones - 24</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Audio detection - crossing the line (tripwire), intrusion, loitering detection, abandoned/missing object, illegal parking, fast moving, objects tracking, face detection</li></ul> |

|                        |  |
|------------------------|--|
| Power supply:          | <ul style="list-style-type: none"><li>• Hi-PoE,</li><li>• 24 V AC / 3 A (power adapter included)</li></ul> |
| Power consumption:     | ≤ 38 W   |
| Housing:               | Speed Dome Metal   |
| Color:                 | White  |
| Vandal-proof:          | IK10   |
| "Index of Protection": | IP67   |
| Operation temp:        | -40 °C ... 70 °C   |
| Weight:                | 6.79 kg (with bracket)   |
| Dimensions:            | 355 x 440 mm x 235 mm (with bracket)   |
| Supported languages:   | English  |
| Manufacturer / Brand:  | DAHUA  |
| Guarantee:             | <b>3 years</b>   |