

Code: SD6AE530U-HNI

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

Net: 3 229.77 EUR Gross: 3 229.77 EUR

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.



## SPECIFICATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                              |
| 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)                                                 |

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|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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:

3 years

## PRESENTATION

Bottom view:

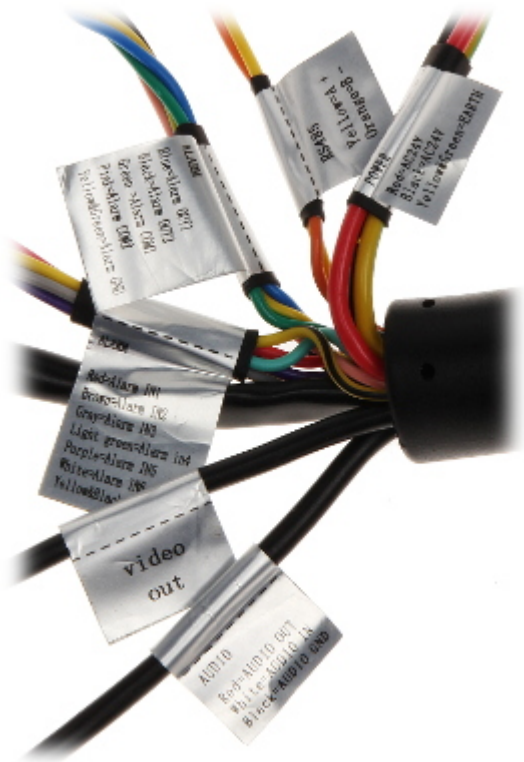


Camera connectors:

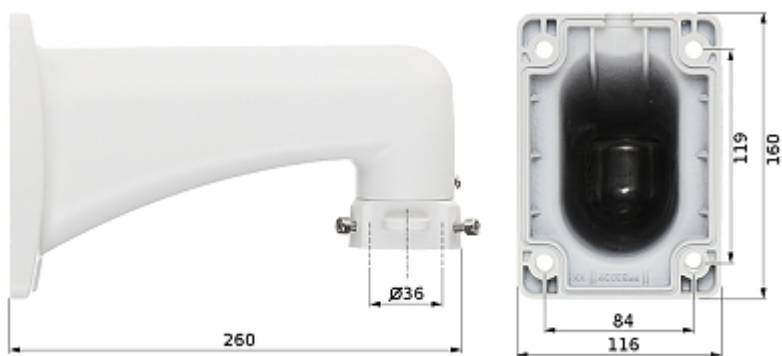


Connectors description:

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Bracket dimensions:



See how to initialize DAHUA cameras:

:

In the kit:



## OUR TESTS

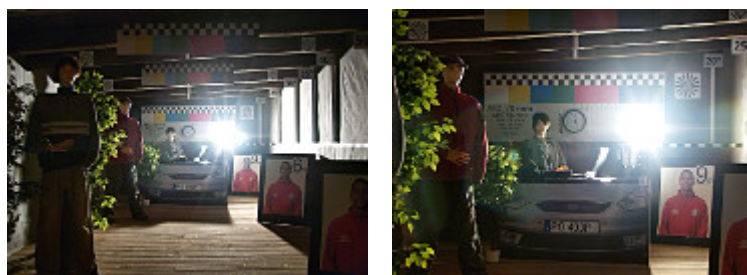
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|