

Code: DH-SD6AL240-HNI

## IP SPEED DOME CAMERA OUTDOOR **DH-SD6AL240-HNI** - 1080p, 7.9 ... 316 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.

The biggest advantage of the camera is the lens with x40 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.

The IR illuminator consisting of a laser with adjustable beam angle allows for precise lighting of the objects even at very large distances. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

For a few models of IP cameras working at  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.



Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p , 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	7.9 ... 316 mm
View angle:	<ul style="list-style-type: none"> <li>• 42 ° ... 1.1 ° (manufacturer data)</li> <li>• 36 ° ... 1.6 ° (our tests result)</li> </ul>
Optical zoom:	x 40
Digital zoom:	x 16
Range of IR illumination:	500 m - Laser IR
S/N ratio:	> 56 dB (AGC off)
Video output:	1 Vpp / 75 Ω



# DATA SHEET

Preset rotation speed:	max. 240 °/s
Rotation speed (manual control):	0.1 °/s ... 200 °/s (horizontal) 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.264 / MJPEG
Bitrate:	56 ... 8192 kbps - H.264 56 ... 20480 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 - 1080p 1 ... 50 fps - 720p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, TCP/IP, 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:	2.41
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a>, Android: Free application <a href="#">IMOU</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a>, iOS (iPhone): Free application <a href="#">IMOU</a></li></ul>
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
RTSP URL:	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)





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Main features:	<ul style="list-style-type: none"><li>• ICR - Movable InfraRed filter</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• WDR - Wide Dynamic Range</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• Configurable Privacy Zones - 24</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Audio detection</li><li>• Sharpness - sharper image outlines</li><li>• Mirror - Mirror image</li><li>• IVS analysis : objects tracking, crossing the line (tripwire), intrusion, abandoned/missing object, 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>
Housing:	Speed Dome Metal
Color:	White
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP67
Weight:	6.75 kg (with bracket)
Dimensions:	240 x 350 mm x 435 mm (with bracket)
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>