

Code: DH-SD6AL245U-HNI-IR

IP SPEED DOME CAMERA OUTDOOR **DH-SD6AL245U-HNI-IR** - 1080p, 3.95 ... 177.7 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. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

The biggest advantage of the camera is the lens with x45 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).

In addition camera is equipped with lens wiper remote controlled via TCP/IP interface. 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 960 - 1.3 Mpx , 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	3.95 ... 177.7 mm
View angle:	• 70 ° ... 1.8 ° (manufacturer data) • 65 ° ... 1.9 ° (our tests result)
Optical zoom:	x 45
Digital zoom:	x 16
Range of IR illumination:	300 m
S/N ratio:	> 56 dB (AGC off)



DATA SHEET

Video output:	1 Vpp / 75 Ω
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.265 / H.264 / MJPEG
Bitrate:	448 ... 8192 kbps - H.264 / H.265
Alarm inputs / outputs:	7 / 2
Audio:	• 1 Audio input • 1 Audio output • Audio detection
Main stream frame rate:	1 ... 50 fps - 1080p
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:	16.12
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS, Android: Free application IMOU • iOS (iPhone): Free application DMSS, iOS (iPhone): Free application IMOU
Default IP address:	192.168.1.108
Default admin user / password:	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 256GB support (possible local recording)

Main features:	• EIS - Electronic Image Stabilization • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • Day/Night mode (color/b&w/auto) • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • ICR - Movable InfraRed filter • Configurable Privacy Zones - 24 • BLC/HLC - Back Light / High Light Compensation • Audio detection • Sharpness - sharper image outlines • Mirror - Mirror image • IVS analysis : Intelligent Object Tracking, crossing the line (tripwire), intrusion, abandoned/missing object, face detection • Heat map - the selection in the image by corresponding colors the areas with different traffic
Power supply:	• Hi-PoE, • 24 V AC / 3 A (power adapter included)
Housing:	Speed Dome Metal
Color:	White
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP67
Weight:	6.7 kg (with bracket)
Dimensions:	240 x 357 mm x 435 mm (with bracket)
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	3 years