

Code: SD6AL233XA-HNR-IR

IP SPEED DOME CAMERA OUTDOOR **SD6AL233XA-HNR-IR** - 1080p, 5.8 ... 191.4 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 x33 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:	1/1.8 " 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:	5.8 ... 191.4 mm
View angle:	60.1 ° ... 3.2 ° (manufacturer data)
Optical zoom:	x 33
Digital zoom:	x 16
Range of IR illumination:	300 m
Video output:	—



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.265 / H.264 / MJPEG
Alarm inputs / outputs:	7 / 2
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support
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, QoS, IEEE 802.1x
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	✓
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
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:	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • EIS - Electronic Image Stabilization • 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 • Sharpness - sharper image outlines • Mirror - Mirror image • Lens wiper remotely controlled via TCP/IP • IVS analysis : Intelligent Object Tracking, crossing the line (tripwire), intrusion, abandoned/missing object, face detection • SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle
Power supply:	• Hi-PoE, • 24 V AC / 3 A (power adapter included)
Power consumption:	• ≤ 20 W • ≤ 32 W - IR illuminator
Housing:	Speed Dome Metal
Color:	White
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP67
Weight:	5.8 kg
Dimensions:	Ø 240 x 382 mm
Supported languages:	Polish, English
Manufacturer / Brand:	DAHUA
Guarantee:	3 years