DATA SHEET

Code: SD49225XA-HNR

IP SPEED DOME CAMERA OUTDOOR **SD49225XA-HNR** - 1080p 4.8 ... 120 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).

Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image. PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.

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

Standard:	TCP/IP
Sensor:	1/2.8 " STARVIS™ CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p , 1280 x 960 1.3 Mpx , 1280 x 720 720p
Lens:	4.8 ... 120 mm
View angle:	• 63 ° ... 2.6 ° (manufacturer data) • 56 ° ... 3.2 ° (our tests result)
Optical zoom:	x 25
Digital zoom:	x 16
Range of IR illumination:	100 m
Video output:	—
Preset rotation speed:	• 240 °/s (horizontal) • 200 °/s (vertical)

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Rotation speed (manual control):	• 0.1 °/s ... 200 °/s (horizontal), • 0.1 °/s ... 120 °/s (vertical)
Horizontal rotation range:	360 ° - continuous
Vertical rotation range:	-15 ° ... 90 °
RS-485 interface:	—
Number of presets:	300
Horizontal scan:	✔
Route settings:	8
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Bitrate:	3 kbps ... 20480 kbps - H.264 / H.265
Alarm inputs / outputs:	2 / 1
Audio:	• External microphone input • Audio output • Audio detection
Main stream frame rate:	50 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, ARP, RTSP, RTCP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x, Multicast
WEB Server:	Built-in
Max. number of on-line users:	19
ONVIF:	18.12
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
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 / - The administrator password should be set at the first start
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
Port ONVIF:	80
RTSP URL:	rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream

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Main features:	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • EIS - Electronic Image Stabilization • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Motion Detection • Privacy zones - max. 24 • ICR - Movable InfraRed filter • Sharpness - sharper image outlines • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection • Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion) • SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle
Power supply:	• PoE (802.3at), • 12 V DC / 3 A (power adapter not included)
Power consumption:	≤ 22 W
Housing:	Speed Dome, Aluminum + Plastic
Color:	White + Black
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP66
Weight:	3.7 kg (with bracket)
Dimensions:	160 x 295 x 357 mm (with bracket)
Supported languages:	Polish, English, Czech, Spanish, French, Dutch, German, Portuguese, Russian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	**5 years**

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