

Code: SD1A404XB-GNR

IP SPEED DOME CAMERA OUTDOOR **SD1A404XB-GNR** - 3.7 Mpx 2.8 ... 12 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 Infra-Red illuminator enables night monitoring. 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.

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 " STARVIS™ CMOS
Matrix size:	4 Mpx
Resolution:	2560 x 1440 - 3.7 Mpx , 2048 x 1536 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	2.8 ... 12 mm
View angle:	• 97 ° ... 31.6 ° (manufacturer data) • 90 ° ... 43 ° (our tests result)
Optical zoom:	x 4
Digital zoom:	— x 16
Range of IR illumination:	15 m
Video output:	—
Rotation speed (manual control):	• 0.1 °/s ... 70 °/s (horizontal) • 0.1 °/s ... 30 °/s (vertical)
Preset rotation speed:	• 80 °/s (horizontal) • 40 °/s (vertical)



DATA SHEET

Horizontal rotation range:	0 ° ... 355 ° - Rotation of the head is limited by stops
Vertical rotation range:	5 ° ... 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
Alarm inputs / outputs:	—
Main stream frame rate:	25 fps - 4 Mpx
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP RTCP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, ARP
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	20.06
Audio:	• Microphone built-in, • External microphone input, • Audio output, • Bi-directional audio streaming support • Audio detection
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Default admin user / password:	admin / - The administrator password should be set at the first start
Default IP address:	192.168.1.108
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

Main features:	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • EIS - Electronic Image Stabilization • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Day/night mode • Configurable Privacy Zones • Smart motion detection (with recognizing people and vehicles) • SMD PLUS - searching for an object classified as: human, motor vehicle • IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles, abandoned/missing object, video tampering, scene changing, face detection, people counting
Power supply:	• PoE (802.3af), • 12 V DC / 710 mA
Power consumption:	≤ 8.5 W
Housing:	Speed Dome Metal, Plastic
Color:	Black + White
"Index of Protection":	IP66
Vandal-proof:	IK08
Operation temp:	-30 °C ... 60 °C
Weight:	0.51 kg
Dimensions:	Ø 128 x 65 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	5 years