

Code: SD50225DB-HNY

IP SPEED DOME CAMERA OUTDOOR **SD50225DB-HNY** - 1080p 4.8 ... 120 mm DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. 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 $\geq 1920 \times 1080$ 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
Lens:	4.8 ... 120 mm
View angle:	<ul style="list-style-type: none"> • 59 ° ... 2.8 ° (manufacturer data) • 56 ° ... 3.4 ° (our tests result)
Optical zoom:	x 25
Digital zoom:	x 16
Min. illumination:	<ul style="list-style-type: none"> • 0.005 Lux @ F1.6 (color), • 0.0005 Lux @ F1.6 (B/W)
S/N ratio:	> 55 dB



DATA SHEET

Video output:	—
Preset rotation speed:	max. 500 °/s
Rotation speed (manual control):	0.1 °/s ... 350 °/s (horizontal) 0.1 °/s ... 250 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 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:	2 / 1
Audio:	<ul style="list-style-type: none">• External microphone input,• Audio output• Bi-directional audio streaming support
Main stream frame rate:	25 fps - 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP, IPv4/IPv6, UDP, SMTP, NTP, DHCP, DNS, DDNS, IEEE 802.1x, QoS, NFS, UDP, IP Filter, SMB, SSL, FTP, UPnP, ICMP, SNMP, SNMPv1/v2c/v3(MIB-2), IGMP, RTCP, RTP, RTSP, RTMP, PPPoE, ARP
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	2.1.12
Memory card slot:	Micro SD memory cards up to 512GB support (possible local recording)
Main features:	<ul style="list-style-type: none">• 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• Privacy zones - max. 24• BLC/HLC - Back Light / High Light Compensation• Sharpness - sharper image outlines• Image rotation and mirror• ICR - Movable InfraRed filter• Day/Night mode (color/b&w/auto)• Audio detection• SMD PLUS - searching for an object classified as: human, motor vehicle• IVS analysis : crossing the line (tripwire), intrusion, fast moving - classification of people and vehicles, abandoned/missing object, loitering detection, detection of people gathering, counting people entering and leaving the area, parking detection, face detection - supports 6 types of facial attributes extraction
Mobile phones support:	Port 37777 <ul style="list-style-type: none">• Android: Free application DMSS• iOS (iPhone): Free application DMSS
Default IP address:	192.168.1.108





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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: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
Power supply:	<ul style="list-style-type: none">• PoE (802.3at),• 24 V AC / 1.5 A (power adapter included)
Power consumption:	≤ 15.8 W
Housing:	Speed Dome Metal
Color:	White
"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-40 °C ... 60 °C
Weight:	3.14 kg (with bracket)
Dimensions:	Ø 186 x 415 mm (with bracket)
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	5 years

