

Code: SD49225T-HN

## IP SPEED DOME CAMERA OUTDOOR **SD49225T-HN** - 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).

PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.

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:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	4.8 ... 120 mm
View angle:	59 ° ... 2.4 ° (manufacturer data) 57 ° ... 3.1 ° (our tests result)
Optical zoom:	x 25
Digital zoom:	x 16
Range of IR illumination:	100 m
S/N ratio:	> 50 dB (AGC off)
Video output:	—
Preset rotation speed:	240 °/s



# DATA SHEET

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.264 / MJPEG
Bitrate:	448 ... 8192 kbps - H.264 / H.265 5120 ... 10240 kbps - MJPEG
Alarm inputs / outputs:	2 / 1
Audio:	<ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Audio detection</li></ul>
Main stream frame rate:	1 ... 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, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x, Multicast, RTMP
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.42
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a></li></ul>
Default admin user / password:	admin / admin
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:	<ul style="list-style-type: none"><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• ROI - improve the quality of selected parts of image</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li><li>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection</li><li>• ICR - Movable InfraRed filter</li><li>• Configurable Privacy Zones - 24</li><li>• Motion Detection</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Sharpness - sharper image outlines</li><li>• Mirror - Mirror image</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• Privacy zones - max. 24</li></ul>
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 12 V DC / 3 A (power adapter not included)</li></ul>
Housing:	Speed Dome, Metal / Plastic
Color:	White + Black
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP66
Weight:	3.71 kg (with bracket)
Dimensions:	160 x 295 x 357 mm (with bracket)
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>