

Code: SD8A840WA-HNF

IP SPEED DOME CAMERA OUTDOOR **SD8A840WA-HNF** - 4K UHD 5.6 ... 223 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. The biggest advantage of the camera is the lens with x40 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.

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 " STARVIS™ CMOS
Matrix size:	8 Mpx
Resolution:	3840 x 2160 - 4K UHD , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Lens:	5.6 ... 223 mm
View angle:	64 ° ... 2 °
Optical zoom:	x 40
Digital zoom:	x 16
Range of IR illumination:	500 m
Video output:	1 Vpp / 75 Ω



DATA SHEET

Preset rotation speed:	• 240 °/s (horizontal) • 120 °/s (vertical)
Rotation speed (manual control):	0.1 °/s ... 240 °/s (horizontal) 0.1 °/s ... 100 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	-30 ° ... 90 °
RS-485 interface:	✓
Protocols:	DH-SD, PELCO-D/P
Number of presets:	300
Horizontal scan:	✓
Route settings:	8
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	7 / 2
Audio:	• Audio input • Audio output • Bi-directional audio streaming support
Main stream frame rate:	max. 25 fps @ 4K UHD
Network interface:	10BASE-T / 100BASE-TX (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, ARP, RTCP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x
WEB Server:	Built-in
Max. number of on-line users:	20
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
ONVIF:	✓
Mobile phones support:	Port 37777 • Android: Free application DMSS • iOS (iPhone): Free application DMSS

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 • AGC - Automatic Gain Control • BLC/HLC - Back Light / High Light Compensation • Motion Detection • Configurable Privacy Zones - 24 • Sharpness - sharper image outlines • Auto Flip - auto-rotates the camera during "tilt" type moving • Wiper • CVBS, SPOT output • The device has a built-in heater • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, scene changing, Face recognition, metadata handling - automatic photo taking and collection of information enabling the subsequent identification of people and vehicles that triggered the alarm (clothing, silhouette, face, features of motor and non-mechanical vehicles) • Intelligent Object Tracking - Filtering of false alarms based on the recognition of persons and vehicles • Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time
Power supply:	• Hi-PoE, • 24 V AC / 3 A (power adapter included)
Power consumption:	• ≤ 26 W, • ≤ 42 W - Heater on / IR illuminator
Housing:	Speed Dome Metal
Color:	White
Vandal-proof:	—
"Index of Protection":	IP67
Operation temp:	-40 °C ... 70 °C
Weight:	8.5 kg
Dimensions:	Ø 262 mm x 416 mm (without bracket)
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	3 years