

Code: DH-SD6AE240V-HNI

IP SPEED DOME CAMERA OUTDOOR **DH-SD6AE240V-HNI** - 1080p 4.5 ... 180 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.

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:	4.5 ... 180 mm
View angle:	<ul style="list-style-type: none"> • 67.5 ° ... 1.7 ° (manufacturer data) • 59 ° ... 2.2 ° (our tests result)
Optical zoom:	x 40
Digital zoom:	x 16
Range of IR illumination:	200 m
S/N ratio:	> 56 dB (AGC off)
Video output:	1 Vpp / 75 Ω



DATA SHEET

Preset rotation speed:	max. 240 °/s (horizontal) max. 200 °/s (vertical)
Rotation speed (manual control):	0.1 °/s ... 200 °/s (horizontal) 0.1 °/s ... 120 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	-20 ° ... 90 °
RS-485 interface:	✓
Protocols:	Pelco-D, Pelco-P, DH-SD Auto detection
Number of presets:	300
Horizontal scan:	✓
Route settings:	8
Image compression method:	H.265 / H.264H / H.264B / H.264 / MJPEG
Bitrate:	256 ... 8192 kbps - H.264 / H.265
Alarm inputs / outputs:	7 / 2
Audio:	<ul style="list-style-type: none">• 1 Audio input• 1 Audio output• Audio detection
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
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	16.12
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none">• Android: Free application DMSS, Android: Free application IMOU• iOS (iPhone): Free application DMSS, iOS (iPhone): Free application IMOU
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Main features:	<ul style="list-style-type: none">• EIS - Electronic Image Stabilization• U-WDR - 140 dB - Wide Dynamic Range• 2D-DNR, 3D-DNR - Digital Noise Reduction• 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• Configurable Privacy Zones - 24• BLC/HLC - Back Light / High Light Compensation• Audio detection• Sharpness - sharper image outlines• Mirror - Mirror image• Heat map - the selection in the image by corresponding colors the areas with different traffic• IVS analysis - crossing the line (tripwire), intrusion, abandoned/missing object, objects tracking, face detection



DATA SHEET

Power supply:	<ul style="list-style-type: none">• Hi-PoE• 24 V AC / 3 A (power adapter included)
Power consumption:	≤ 38 W
Housing:	Speed Dome Metal
Color:	White
Operation temp:	-40 °C ... 70 °C
Vandal-proof:	IK10
"Index of Protection":	IP67
Weight:	6.97 kg (with bracket)
Dimensions:	469 x 456 mm x 240 mm (with bracket)
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	3 years