

Code: SD6AE830V-HNI

IP SPEED DOME CAMERA OUTDOOR **SD6AE830V-HNI** - 12 Mpx 6 ... 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).

The biggest advantage of the camera is the lens with x30 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 12MPx resolution we recommend to use of network with 1Gb bandwidth.



Standard:	TCP/IP
Sensor:	1/1.7 " STARVIS™ CMOS
Matrix size:	12 Mpx
Resolution:	4000 x 3000 - 12 Mpx , 4096 x 2160 - 8.7 Mpx , 3840 x 2160 - 8.3 , 1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	6 ... 180 mm
View angle:	• 61 ° ... 2.1 ° (manufacturer data) • 58 ° ... 3.3 ° (our tests result)
Optical zoom:	x 30
Digital zoom:	x 16



DATA SHEET

Range of IR illumination:	200 m
S/N ratio:	> 56 dB (AGC off)
Video output:	1 Vpp / 75 Ω
Preset rotation speed:	max. 240 °/s
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.265 / H.264+ / H.264 / MJPEG
Bitrate:	256 ... 8192 kbps - H.265 / H.264
Alarm inputs / outputs:	7 / 2
Audio:	• Audio input • Audio output • Bi-directional audio streaming support • Audio detection
Main stream frame rate:	1 ... 25 fps @ 12 Mpx
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP/IP, IPv4/IPv6, SSL, UDP, UPnP, ICMP, IGMP, RTP, 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) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)

Main features:	• 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • EIS - Electronic Image Stabilization • ROI - improve the quality of selected parts of image • D-WDR - Wide Dynamic Range • Day/Night mode (color/b&w/auto) • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • Configurable Privacy Zones - 24 • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • 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, loitering detection, abandoned/missing object, face detection, objects tracking
Power supply:	• Hi-PoE, • 24 V AC / 3 A (power adapter included)
Power consumption:	≤ 38 W
Housing:	Speed Dome Metal
Color:	White
Vandal-proof:	IK10
"Index of Protection":	IP67
Operation temp:	-40 °C ... 70 °C
Weight:	6.8 kg (with bracket)
Dimensions:	Ø 240 x 355 x 440 mm (with bracket)
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	3 years