

Code: SD6AE230F-HNI

IP SPEED DOME CAMERA OUTDOOR **SD6AE230F-HNI** - 1080p 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).

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:	1/1.9 " Progressive Scan Exmor CMOS
Matrix size:	2.0 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	6 ... 180 mm
View angle:	61 ° ... 2.1 ° (manufacturer data) 59 ° ... 3 ° (our tests result)
Optical zoom:	x 30
Digital zoom:	x 16
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



DATA SHEET

Rotation speed (manual control):	0.1 °/s ... 240 °/s (horizontal) 0.1 °/s ... 120 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	-10 ° ... 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.264H / H.264B / H.264 / MJPEG / MPEG-4
Bitrate:	56 ... 8192 kbps - H.264 56 ... 20480 kbps - MJPEG
Alarm inputs / outputs:	7 / 2
Audio:	• 1 Audio input • 1 Audio output • Audio detection
Main stream frame rate:	1 ... 25 fps - 1080p 1 ... 50 fps - 720p
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, 802.1x
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.41
Mobile phones support:	Port 37777 • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	• ICR - Movable InfraRed filter • Day/Night mode (color/b&w/auto) • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • WDR - Wide Dynamic Range • F-DNR (Defog) - Reduction of image noise caused by precipitation • 3D-DNR - Digital Noise Reduction • Configurable Privacy Zones - 24 • BLC/HLC - Back Light / High Light Compensation • Audio detection • IVS analysis - crossing the line (tripwire), intrusion, loitering detection, abandoned/missing object, illegal parking, fast moving, objects tracking, face detection
Power supply:	• PoE (802.3at) • 24 V AC / 3 A (power adapter included)
Housing:	Speed Dome Metal
Color:	White



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Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP67
Weight:	6.79 kg (with bracket)
Dimensions:	355 x 440 mm x 235 mm (with bracket)
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	3 years