



	IP SPEED DOME CAMERA OUTDOOR DS-2DE4A225IW-DE(B) - 1080p 4.8 ... 120 mm Hikvision	NVR NVR4208-4KS3 8 CHANNELS DAHUA
		
	3399.00 PLN 3399.00 PLN	1311.00 PLN 1311.00 PLN
Standard	TCP/IP	TCP/IP
Sensor	1/2.8 " Progressive Scan CMOS	...
Matrix size	2.1 Mpx	...
Supported resolutions	...	max. 12 Mpx - 4000 x 3000 px
Video outputs	...	1 pcs HDMI 4K 1 pcs VGA
Audio support	...	<ul style="list-style-type: none"> • 8 Channels - Audio from cameras • Bi-directional audio streaming support
Resolution	1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p	...
Audio inputs	...	1 pcs CINCH
Audio outputs	...	1 pcs CINCH
Supported hard drives	...	2 x 20 TB SATA
Recording modes	...	Manual, Sensor, Motion detection, Schedule
External storage devices backup	...	Backup to USB drive (pendrive, external drive)
Searching and playback the records	...	<ul style="list-style-type: none"> • Records searching: by time and events type. Records playback: forward, backward, fast, slow • Advanced searching (to the one second accuracy) • Smart Playback function • Records playback from max. 8 channels in the same time
Scanning system	Progressive	...
Network functions	...	Full support via network, Remote records copying, Web-Server built-in
Lens	4.8 ... 120 mm	...
View angle	<ul style="list-style-type: none"> • 58 ° ... 2.9 ° (manufacturer data) • 53 ° ... 3.4 ° (our tests result) 	...
Optical zoom	x 25	...
Digital zoom	x 16	...
Range of IR illumination	50 m	...
Video output	—	...
Preset rotation speed	<ul style="list-style-type: none"> • 350 °/s (horizontal) • 200 °/s (vertical) 	...
Rotation speed (manual control)	0.1 °/s ... 300 °/s (horizontal) 0.1 °/s ... 160 °/s (vertical)	...
Horizontal rotation range	360 ° - continuous	...
Vertical rotation range	-5 ° ... 90 °	...
RS-485 interface	—	...
Number of presets	300	...
Horizontal scan	✓	...
Route settings	8	...
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264
Bitrate	32 ... 16384 kbps	max. 160 Mbps (without AI) max. 80 Mbps (AI)
USB	...	2 pcs USB 2.0
Audio	<ul style="list-style-type: none"> • External microphone input • Audio output • Bi-directional audio streaming support • Audio detection 	...
Serial ports	...	—
Alarm inputs / outputs	2 / 2	4 / 2

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Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Main stream frame rate	1/16 ... 50 fps @ 1080p	...
PTZ control	...	IP Speed Dome Cameras
Motion Detection	...	✓
Network interface	10/100 Base-T (RJ-45)	1 x RJ-45 10/100/1000 Base-TX
Intelligent image analysis	...	✓
Mouse support	...	✓
IR remote controller in the set	...	—
Switch PoE	...	—
Network protocols	IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, UDP, IGMP, ICMP, TCP/IP, DHCP, PPPoE, Bonjour	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UDP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, FTP, DDNS, SNMP, Alarm Server, P2P, Auto Register, IP Search
WEB Server	Built-in, NVR compliance	...
Operation temp	...	-10 °C ... 55 °C
Max. number of on-line users	20	...
ONVIF	17.12	22.12
Memory card slot	Micro SD memory cards up to 256GB support (possible local recording)	...
Mobile phones support	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS See how to configure the P2P function in Dahua recorders and how to enable the mobile application
Default admin user / password	admin / - The administrator password should be set at the first start	admin / admin The administrator password should be set at the first start
Default IP address	192.168.1.64	192.168.1.108
Web browser access ports	80	80, 37777
PC client access ports	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	37777
Mobile client access ports	8000	37777
Port ONVIF	80	...
RTSP URL	<ul style="list-style-type: none"> • Main stream rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization - with authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ • Sub stream rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization - with authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ 	<ul style="list-style-type: none"> • rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream • rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream



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Main features	<ul style="list-style-type: none"> • Intelligent Object Tracking • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • EIS - Electronic Image Stabilization • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Intelligent 3D Positioning System • ICR - Movable InfraRed filter • Configurable Privacy Zones - 24 • Motion Detection • Sharpness - sharper image outlines • Day/Night mode (color/b&w/auto) • Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time • Intelligent image analysis : Audio detection, crossing the line (tripwire), intrusion, abandoned/missing object, detection of entry into the area / exit from the area, face detection 	<ul style="list-style-type: none"> • SMD PLUS - searching for an object classified as: human, motor vehicle • Filtering of false alarms based on the recognition of persons and vehicles • Privacy zones <p>Functions implemented in cooperation between the recorder and cameras that support these functions :</p> <ul style="list-style-type: none"> • Intelligent image analysis : perimeter protection, scene changing • face detection - supports 6 types of facial attributes extraction • Face recognition • people counting • heat map
Power supply	<ul style="list-style-type: none"> • PoE (802.3at), • 12 V DC / 1.5 A (power adapter included) 	12 V DC / 4 A (power adapter included)
Power consumption	≤ 18 W	max. 10 W (without HDD)
Housing	Speed Dome, Metal	...
Color	White	...
Operation temp	-30 °C ... 65 °C	...
"Index of Protection"	IP66	...
Weight	2.54 kg	1.5 kg
Dimensions	Ø 169 x 161 mm	375 x 283 x 53 mm
Supported languages	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian	Polish, English
Manufacturer / Brand	Hikvision	DAHUA
SAP Code	301314623	...
Guarantee	3 years	3 years