





	IP SPEED DOME CAMERA OUTDOOR IPC6612SR-X25-VG LightHunter - 1080p 5... 125 mm UNIVIEW	IP SPEED DOME CAMERA OUTDOOR SD5A425GA-HNR - 3.7 Mpx 5.4 ... 135 mm DAHUA	NVR NVR608RH-32-XL 32 CHANNELS WizMind DAHUA	POWER GENERATOR DY-7500 6000 W Dynamo
				
	1138.40 EUR 1138.40 EUR	2199.90 EUR 2199.90 EUR	5261.16 EUR 5261.16 EUR	505.57 EUR 505.57 EUR
Standard	TCP/IP	TCP/IP	IP	
Supported resolutions			max. 32 Mpx	
Sensor	1/2.8" Progressive Scan CMOS	1/1.8" STARVIS™ CMOS		
Matrix size	2.1 Mpx	4 Mpx		
Nominal power	...	...		• 6000 W (manufacturer data) • 5500 W (our tests result)
Maximum power	...	...		6500 W
Output voltage	...	...		230 V AC
Video outputs	...	...	• 2 pcs HDMI 4K • 1 pcs HDMI 8K • 1 pcs HDMI • 2 pcs VGA	
Number of outlets	...	...		2 pcs - single-phase
Built-in voltmeter	...	...		✓
Output frequency	...	...		50 Hz
Voltage stabilization	...	...		AVR
Audio support	...	...	• 32 Channels - Audio from cameras. • Bi-directional audio streaming support	
Frequency measurement in Hz	...	...		✓
Audio inputs	...	...	1 pcs CINCH	
Measuring the number of engine hours	...	...		✓
Audio outputs	...	...	2 pcs CINCH	
12V DC output	...	...		✓
Alternator windings	...	...		Copper
Engine power	...	...		15 HP
Engine capacity	...	...		420 cm ³
Resolution	1920 x 1080 - 1080p , 1280 x 960 1.3 Mpx , 1280 x 720 720p	2560 x 1440 - 3.7 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 1.3 Mpx , 1280 x 720 720p		
Bitrate	...	...	max. 1280 Mbps	
Lens	5 ... 125 mm	5.4 ... 135 mm		
Engine type	...	...		190F, 1 cylinder, 4 stroke, gasoline, air cooled
Starting the engine	...	...		Starter or manual
Supported hard drives	...	...	8 x 16 TB SATA + 1 x eSATA , Raid 0/1/5/6/10	
Recording modes	...	...	Manual, Sensor, Motion detection, Schedule	
External storage devices backup	...	...	Backup to USB drive (pendrive, external drive)	
Noise level during operation	...	...		• 96 dB (manufacturer data), • 97 dB (our tests result)
View angle	54° ... 2.6°	• 62° ... 3.6° (manufacturer data) • 52° ... 3.4° (our tests result)		
Average fuel consumption	...	...		1.3 l/h
Optical zoom	x 25	x 25		
Searching and playback the records	...	...	• Records searching: by time and events type. Records playback: forward, backward, fast, slow • Advanced searching (to the one second accuracy) • Records playback from max. 16 channels in the same time	
Fuel tank capacity	...	...		25 l
Digital zoom	...	x 16		
Fuel gauge	...	...		✓
Range of IR illumination	150 m	150 m		
Main features	...	...		High mobility of the device thanks to the attached wheels
Video output	...	...
Preset rotation speed	• 180 °/s (horizontal) • 80 °/s (vertical)	• 400 °/s (horizontal) • 300 °/s (vertical)		
Network functions	...	...	Full support via network, Remote records copying, Web-Server built-in	
Rotation speed (manual control)	• 2 °/s ... 75 °/s (horizontal) • 2 °/s ... 75 °/s (vertical)	• 0.1 °/s ... 300 °/s (horizontal) • 0.1 °/s ... 140 °/s (vertical)		
Horizontal rotation range	360° - continuous	360° - continuous		
Vertical rotation range	-15° ... 90°	-15° ... 90°		
RS-485 interface	✓	...		
Number of presets	1024	300		
Horizontal scan	✓	...		
Route settings	16	8		
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MPEG-4 / MJPEG	
USB	• 2 pcs USB 2.0 • 2 pcs USB 3.0	
Serial ports	RS-485, RS-232	
Alarm inputs / outputs	2 / 1	2 / 1	16 / 8	

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Audio	<ul style="list-style-type: none"> External microphone input Audio output Bi-directional audio streaming support Audio detection 	<ul style="list-style-type: none"> External microphone input Audio output Bi-directional audio streaming support Audio detection
Main stream frame rate	25 fps @ 1080p	25 fps @ 4 Mpx	...	...
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	2 x RJ-45 10/100/1000/2500 Base-TX	...
PTZ control	...	...	<ul style="list-style-type: none"> IP Speed Dome Cameras RS-485 - PELCO-D/P and others 	...
Intelligent image analysis	...	...	✓	...
Motion Detection	...	...	✓	...
Mouse support	...	...	✓	...
Network protocols	...	FTP, RTMP, IPv4/IPv6, Bonjour, DNS, RTCP, PPPoE, NTP, RTP, IEEE 802.1x, HTTPS, SNMP, TCP/IP, DDNS, UPnP, NFS, ICMP, UDP, IGMP, HTTP, SSL, DHCP, SMTP, QoS, RTSP, ARP, P2P, Multicast	...	...
IR remote controller in the set	...	...	—	...
Switch PoE	...	...	...	...
WEB Server	Built-in	Built-in	...	...
Max. number of on-line users	32	20	...	...
ONVIF	✓	21.12	✓	...
Memory card slot	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 512GB support (possible local recording)	...	...
Mobile phones support	<ul style="list-style-type: none"> Port 37777 Android: Free application EZView iOS (iPhone): Free application EZView 	<ul style="list-style-type: none"> Port no.: 37777 or access by a cloud (P2P) Android: Free application DMSS iOS (iPhone): Free application DMSS 	<ul style="list-style-type: none"> 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 IP address	DHCP or 192.168.1.13	192.168.1.108	192.168.1.108	...
Default admin user / password	admin / 123456	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	...
Operation temp	...	...	-10 °C ... 55 °C	...
Web browser access ports	80, 554	80, 37777	80, 37777	...
PC client access ports	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	37777	37777	...
Mobile client access ports	80	37777	37777	...
Port ONVIF	80	80	...	...
RTSP URL	<ul style="list-style-type: none"> rtsp://192.168.1.13:554/unicast/c1/s0/live Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live Sub stream 	<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 	<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 	...
Main features	<ul style="list-style-type: none"> Intelligent Object Tracking WDR - 120 dB - Wide Dynamic Range 2D-DNR, 3D-DNR - Digital Noise Reduction 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 NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network BLC/HLC - Back Light / High Light Compensation Day/night mode ICR - Movable InfraRed filter Auto White Balance Configurable Privacy Zones - 24 Motion Detection Tamper signaling Image rotation and mirror Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions Overvoltage protection : 6 kV Filtering of false alarms based on the recognition of persons and vehicles Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area 	<ul style="list-style-type: none"> Intelligent Object Tracking WDR - 120 dB - Wide Dynamic Range 2D-DNR, 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 SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles BLC/HLC - Back Light / High Light Compensation Motion Detection Privacy zones - max. 24 Day/night mode ICR - Movable InfraRed filter AGC - Automatic Gain Control Auto White Balance Sharpness - sharper image outlines IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, fast moving, parking detection, detection of people gathering, loitering detection, face detection - advanced face capture features, supports 6 types of facial attributes extraction Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion) 	<ul style="list-style-type: none"> Intelligent image analysis : IVS analysis - 10 rules, scene changing, face detection SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle Filtering of false alarms based on the recognition of persons and vehicles Face recognition - supports 6 types of facial attributes extraction Face recognition and analysis in real time (up to 16 photos per second) Support for up to 40 face databases, including 300 000 face images 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) AcuPick support - technology that uses artificial intelligence on both front-end and back-end to search through massive amounts of video data to quickly locate targets with high precision EPITZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles <p>Functions implemented in cooperation between the recorder and cameras that support these functions :</p> <ul style="list-style-type: none"> ANPR Authorized and unauthorized license plate lists: up to 20 000 records counting people / vehicles crowd gathering estimation heat map 	...
Power supply	<ul style="list-style-type: none"> PoE (802.3at), 12 V DC / 3 A (power adapter included) 	<ul style="list-style-type: none"> PoE (802.3at), 24 V DC / 2.5 A (power adapter included) 	<ul style="list-style-type: none"> 100 ... 240 V AC @ 50 / 60 Hz Redundant power supply 	...
Power consumption	max. 25 W	max. 21 W	max. 18 W (without HDD)	...
Housing	Speed Dome, Metal + Plastic	Speed Dome, Metal + Plastic	...	...
Color	White + Black	White + Black	...	Orange + Black
Operation temp	-40 °C ... 65 °C	-40 °C ... 70 °C	...	...
"Index of Protection"	IP66	IP67	...	...
Vandal-proof	—	IK10	...	...
Weight	3.5 kg	5.34 kg (with bracket)	8.14 kg	79.9 kg
Dimensions	Ø 220 x 370 mm	190 x 415 x 268 mm (with bracket)	444 x 476 x 95 mm	750 x 640 x 680 mm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Slovenian, Hungarian, Italian	Polish, English, Czech, Spanish, French, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Italian	Polish, English	...
Manufacturer / Brand	UNIVIEW	DAHUA	DAHUA	Dynamo
Guarantee	2 years	5 years	3 years	2 years



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