

# Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order. If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity; 2. Improper results of operation of the product or products related with it;

3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

### Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break. Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

### Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

It is forbidden to use the device in case its power cord or plug is damaged, the device works incorrectly, was damaged or dropped. A damaged power cord or plug must be replaced with new ones by the manufacturer, personnel of service centre or a person with relevant qualifications in order to avoid the risk of electric shock. We do not recommend repairing the device on one's own for safety reasons.

The device is not intended for operation by persons (including children) with limited physical, sensory or mental capabilities as well as persons inexperienced in operation or not competent to operate of such device, unless the operation is supervised by a person responsible for their safety or in line with instructions for use provided by such person.

It is forbidden to touch the plug with wet hands! Pull the plug, never the cable, to pull out the plug from a socket.

The device is to be used exclusively according to its use described in this manual. Use of accessories not recommended by the manufacturer of the device may cause fire, electric shock or injuries.

Marking of a lightning inside a equilateral triangle signifies presence of dangerous voltage, contained under the cover of the device. It may be dangerous for user's life and health.







 $\ensuremath{\mathsf{NVR}}$  equipped with advanced functions of intelligent image analysis.

Standard:	TCP/IP	
Supported resolutions:	max. 16 Mpx - 4608 x 3472 px	
Video outputs:	1 pcs HDMI 4K 1 pcs VGA	
Audio support:	<ul><li> 8 Channels - Audio from cameras</li><li> Bi-directional audio streaming support</li></ul>	
Audio inputs:	1 pcs CINCH	
Audio outputs:	1 pcs CINCH	
Image compression method:	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG	
Bitrate:	max. 256 Mbps	
Supported hard drives:	2 x 16 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> <li>Records searching: by time and events type. Records playback: forward, backward, fast, slow</li> <li>Advanced searching (to the one second accuracy)</li> <li>Smart Playback function</li> <li>Records playback from max. 8 channels in the same time @ 4 Mpx (without AI)</li> <li>Records playback from max. 8 channels in the same time @ 1080p (AI)</li> </ul>	
Network interface:	1 x RJ-45 10/100/1000 Base-TX	
Network functions:	Full support via network, Remote records copying, Web Server built-in	
Network protocols:	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, P2P, Auto Register	
ONVIF:	22.06	
Default IP address:	192.168.1.108	
Default admin user / password:	admin / - The administrator password should be set at the first start	





# User Manual Code: NVR4208-8P-EI NVR NVR4208-8P-EI 8 CHANNELS, 8 POE WizSense DAHUA

Nobile phones support:Prior 37777 or process by a cloud (P2P) . Advoid: Preve application DNSS . Solid (Phone): Preve app			
Web browser access ports:00,3777PC client access ports:37777Mobile client access ports:37777RTSP URL:'rtsp://indiminabas/0919.188.1.108.554/cam/realmonitor?channel=16.subtype=0 - model is subtype=0 - model is subtype=0.12333333333333333333333333333333333333	Mobile phones support:	<ul> <li>Android: Free application <u>DMSS</u></li> <li>iOS (iPhone): Free application <u>DMSS</u></li> <li>See how to configure the P2P function in Dahua recorders and how to enable the</li> </ul>	
Mobile client access ports:3777Mobile client access ports:*15p//admin.haslo@192.168.1.108.554/cam/realmonitor?channel=1&subtype=0 · Main stream ·sub streamRTSP URL:2 pos USB 2.0Serial ports:-Alarm inputs / outputs:1PTZ control:PS peed Dome ComerasMotion Detection:-Intelligent Image Analysis:-Serial ports:-Main features:*Main features:*Intelligent Image Analysis:-Serial ports:-Motion Detection:-Intelligent Image Analysis:-Serial ports:-Serial ports:-Notion Detection:-Intelligent Image Analysis:-Serial ports:-Serial ports:-Serial ports:-Name stream-Serial ports:-Serial ports:-	Web browser access ports:		
Number• rtsp://admin.has/o@192.168.1.106:554/cam/realmonitor?channel=1&subtype=1RTSP URL:2 pes USB 2.0Strial ports:–Aam inputs / outputs:/PTZ control:IP Speed Dome CamerasMotion Detection:•Intelligent Image Analysis:•Intelligent Image Analysis:•Intersting Optics:•Intersting Optics:•Intelligent Image	PC client access ports:	37777	
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Serial ports:-Alarm inputs / outputs:4 / 2PTZ control:IP Speed Dome CamerasMotion Detection:✓Intelligent Image Analysis:✓Intelligent Image Analysis:✓SMD Part Schwarz✓Intelligent Image Analysis:✓Intelligent Image Analysis:Intelligent Caperation of persons and vehiclesInteresting objects (peoplevichicles) based on an intricit intelligence algorithm. It allows to extract and compare the colors of clothes and vehiclesInteresting objects (peoplevichicles) based on an antificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehiclesInteresting objects (peoplevichicles) based on an antificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehiclesIntelligent InsetIntel bases including 20 000 face imagesIntelligent InsetIntelligent Inset and algorithm information as: name, sex, date of birth, nationality, address. ID number intelligent Inset and algorithm information as: name, sex, date of birth, nationality, address. ID number intelligent Inset and algorithm information as: name, sex, date o	RTSP URL:	<ul> <li>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=0 - Main stream</li> <li>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=1 -</li> </ul>	
Aarm inputs / outputs:4 / 2PTZ control:IP Speed Dome CamerasMotion Detection:IP Speed Dome CamerasIntelligent Image Analysis:Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detectionShulp PLUS - searching for an object classified as: human, motor vehicleFiltering of false alarns based on the recognition of persons and vehiclesIntelligent Image Analysis:· Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detectionAmain features:· Intelligent Galse alarns based on the recognition of persons and vehicles· Face recognition· Face recognition· Face recognition· Support for up to 10 face databases, including 20 000 face images· Intelbase that in mask· Support for up to 10 face databases, including 20 000 face images· Intelbase that in the search by metadata of different aregts or uploading pictures of faces to the device and comparing them with recorded faces by similarity· Privacy zones· Prunctions implemented in cooperation between the recorder and cameras that support these functions :· ANPR· people counting· Privacy zones· ANPR· Support for PE Switch builtin, 25.5 W / Channel - POE (802.3a(/at)Maim total switch load:10 0 240 VAC / 4763 Hz	USB:	2 pcs USB 2.0	
PTZ control:       IP Speed Dome Cameras         Motion Detection:       Image Analysis:         Intelligent Image Analysis:       Image Analysis:	Serial ports:	-	
Motion Detection:         Intelligent Image Analysis:           Intelligent Image Analysis:         Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detection           Intelligent Image Analysis:         Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detection           Intelligent Image Analysis:         Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detection           Intelligent Image Analysis:         Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detection           Intelligent Image Analysis         Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detection           Intelligent Image Analysis         Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, intervention of false alarnse based on the recognition of persons and vehicles           Intelligent Image Analysis:         Intelligent Image Analysis : determination of sex, age and characteristic elements of appearance (glasses, facial hair, mask)           Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity 'Privacy zones           Mouse support:         Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity 'Privacy zones           Muster support:         Intelligent face Search by metadata of different targets or uploading pictures of face	Alarm inputs / outputs:	4/2	
Intelligent Image Analysis:Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detectionIntelligent Image Analysis:Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detectionIntelligent Image Analysis:Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detectionIntelligent Image Analysis:Intelligent Image Analysis: clearsing object classified as: human, motor vehicleIntelligent Image Analysis:Internet of false alarses based on the recognition of persons and vehiclesIntelligent Image Analysis:Internet on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehiclesIntelligent Image Analysis:Internet analysis: determination of sex, age and characteristic elements of appearance of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehiclesIntelligent face secret on the base other than face photography, can also be stored such information as: name, sex, date of birth, nationality, address, Including 20 000 face imagesIntelligent face secret on by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarityIntelligent face secret on by metadata of different targets or uploading pictures of faces to the device and comparing them with recorder and cameras that support these functions :Mouse support:Internet controller in the set:Internet controller in the set:Internet controller, in the set:Maximum total switch load:130 WPower supply:100	PTZ control:	IP Speed Dome Cameras	
Main features:• Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, face detection • SMD PLUS - searching for an object classified as: human, motor vehicle • Filtering of false alarms based on the recognition of persons and vehicles • Quick Pick - AI technology enabling, together with the recorder, quick identification 	Motion Detection:	✓	
Image: Face detectionSMD PLUS - searching for an object classified as: human, motor vehicle • Filtering of false alarms based on the recognition of persons and vehicles • 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 • Face recognition • Face analysis. determination of sex, age and characteristic elements of appearance (glasses, facial hair, mask) • Support for up to 10 face databases, including 20 000 face images • In the base other than face photography, can also be stored such information as: name, sex, date of birth, nationality, address, ID number • Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity • Privacy zonesMouse support:Mouse support:IR remote controller in the set:Switch PoE:&-port De Switch built-in, 25.5 W / Channel - PoE (802.3af/at)Maximum total switch load:130 W	Intelligent Image Analysis:	~	
IR remote controller in the set:     -       Switch PoE:     8-port PoE Switch built-in, 25.5 W / Channel - PoE (802.3af/at)       Maximum total switch load:     130 W       Power supply:     100 240 V AC / 47 63 Hz	Main features:	<ul> <li>face detection</li> <li>SMD PLUS - searching for an object classified as: human, motor vehicle</li> <li>Filtering of false alarms based on the recognition of persons and vehicles</li> <li>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</li> <li>Face recognition</li> <li>Face analysis: determination of sex, age and characteristic elements of appearance (glasses, facial hair, mask)</li> <li>Support for up to 10 face databases, including 20 000 face images</li> <li>In the base other than face photography, can also be stored such information as: name, sex, date of birth, nationality, address, ID number</li> <li>Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity</li> <li>Privacy zones</li> </ul> Functions implemented in cooperation between the recorder and cameras that support these functions : <ul> <li>ANPR</li> <li>people counting</li> </ul>	
Switch PoE:     8-port PoE Switch built-in, 25.5 W / Channel - PoE (802.3af/at)       Maximum total switch load:     130 W       Power supply:     100 240 V AC / 47 63 Hz	Mouse support:	✓	
Maximum total switch load:     130 W       Power supply:     100 240 V AC / 47 63 Hz	IR remote controller in the set:	-	
Power supply:         100 240 V AC / 47 63 Hz	Switch PoE:	8-port PoE Switch built-in, 25.5 W / Channel - PoE (802.3af/at)	
	Maximum total switch load:	130 W	
Power consumption: max. 10 W (without HDD)	Power supply:	100 240 V AC / 47 63 Hz	
	Power consumption:	max. 10 W (without HDD)	



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NVR4208-8P-EI



# User Manual Code: NVR4208-8P-EI NVR NVR4208-8P-EI & CHANNELS, & POE WizSense DAHUA

Operation temp:	-10 °C 55 °C	
Weight:	2.51 kg	
Dimensions:	375 x 329 x 53 mm	
Supported languages:	Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian	
Manufacturer / Brand:	DAHUA	
Guarantee:	3 years	

Front panel:



Rear panel:



In the kit:



Example captures of device interface:



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NVR4208-8P-EI



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PACKAGE

Dimensions (L x W x H): 0x0x0 mm Gross Weight: 0 kg

