

Code: NVR4216-EI

## NVR **NVR4216-EI** 16 CHANNELS WizSense DAHUA

NVR equipped with advanced functions of intelligent image analysis.



|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Standard:                           | TCP/IP                                                                                                                                                                                                                                                                                                                                                                                                                |
| Supported resolutions:              | max. 16 Mpx - 4608 x 3472 px                                                                                                                                                                                                                                                                                                                                                                                          |
| Video outputs:                      | 1 pcs HDMI 4K<br>1 pcs VGA                                                                                                                                                                                                                                                                                                                                                                                            |
| Audio support:                      | <ul style="list-style-type: none"> <li>• 16 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 style="list-style-type: none"> <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. 16 channels in the same time @ 1080p (without AI)</li> <li>• Records playback from max. 12 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                                                                                                                                                                                                                                                                                                                                                                                                         |



# DATA SHEET

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| Default admin user / password:   | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mobile phones support:           | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a></li></ul> See how to configure the P2P function in Dahua recorders and how to enable the mobile application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Web browser access ports:        | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PC client access ports:          | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mobile client access ports:      | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RTSP URL:                        | <ul style="list-style-type: none"><li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=0 - Main stream</li><li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=1 - Sub stream</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB:                             | 2 pcs USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Serial ports:                    | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alarm inputs / outputs:          | 4 / 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PTZ control:                     | IP Speed Dome Cameras                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Motion Detection:                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Intelligent Image Analysis:      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Main features:                   | <ul style="list-style-type: none"><li>• Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, 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> <p>Functions implemented in cooperation between the recorder and cameras that support these functions :</p> <ul style="list-style-type: none"><li>• ANPR</li><li>• people counting</li><li>• heat map</li></ul> |
| Mouse support:                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| IR remote controller in the set: | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power supply:                    | 12 V DC / 4 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power consumption:               | max. 10 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operation temp:                  | -10 °C ... 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



## DATA SHEET

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| Weight:               | 1.5 kg                                                                                     |
| Dimensions:           | 375 x 284 x 53 mm                                                                          |
| Supported languages:  | Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian |
| Manufacturer / Brand: | DAHUA                                                                                      |
| Guarantee:            | <b>3 years</b>                                                                             |