

Code: NVR5216-EI

## NVR **NVR5216-EI** 16 CHANNELS WizSense DAHUA

Net: **734.86 EUR** Gross: **734.86 EUR**

NVR equipped with advanced functions of intelligent image analysis.



### SPECIFICATION

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                           | TCP/IP                                                                                                                                                                                                                                                                                                                                                                                                          |
| Supported resolutions:              | max. 32 Mpx                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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. 384 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 @ 4 Mpx (without AI)</li><li>• Records playback from max. 12 channels in the same time @ 4 Mpx (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, RTSP, UDP, SNMP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, PPPoE, FTP, DDNS, Alarm Server, IP Search, Multicast, P2P, Auto Register                                                                                                                                                                                                                                                |
| ONVIF:                              | 21.12                                                                                                                                                                                                                                                                                                                                                                                                           |
| Default IP address:                 | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                   |
| Default admin user / password:      | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                        |

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile phones support:           | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a><br>• iOS (iPhone): Free application <a href="#">DMSS</a><br><br>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:                        | • rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| USB:                             | • 1 pcs USB 2.0<br>• 1 pcs USB 3.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Serial ports:                    | RS-485, RS-232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alarm inputs / outputs:          | 4 / 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PTZ control:                     | • IP Speed Dome Cameras<br>• RS-485 - PELCO-D/P and others                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Motion Detection:                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Intelligent Image Analysis:      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main features:                   | <ul style="list-style-type: none"> <li>• Intelligent Image Analysis : crossing the line (tripwire), intrusion, 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>• 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 20 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> <li>• Cooperation with POS (Point of Sale) terminals</li> <li>• Working in a cluster</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>• Authorized and unauthorized license plate lists: up to 20 000 records</li> <li>• counting people / vehicles</li> <li>• crowd gathering estimation</li> <li>• heat map</li> <li>• 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)</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight:                          | 1.53 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dimensions:                      | 375 x 284 x 55 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Supported languages:             | Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer / Brand:            | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Guarantee:

3 years

## PRESENTATION

Front panel:



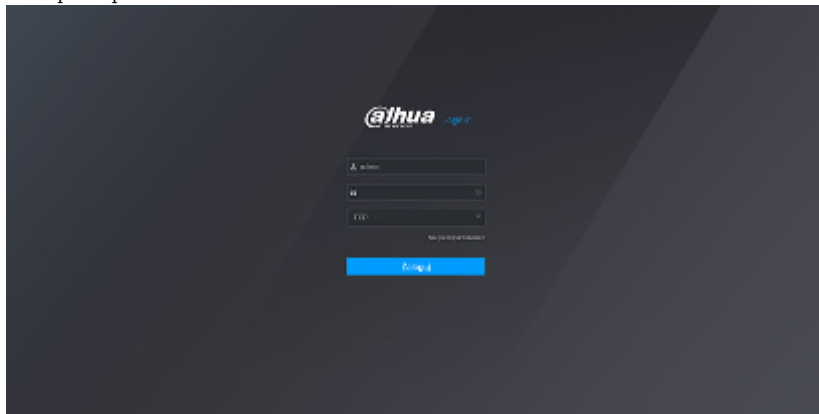
Rear panel:

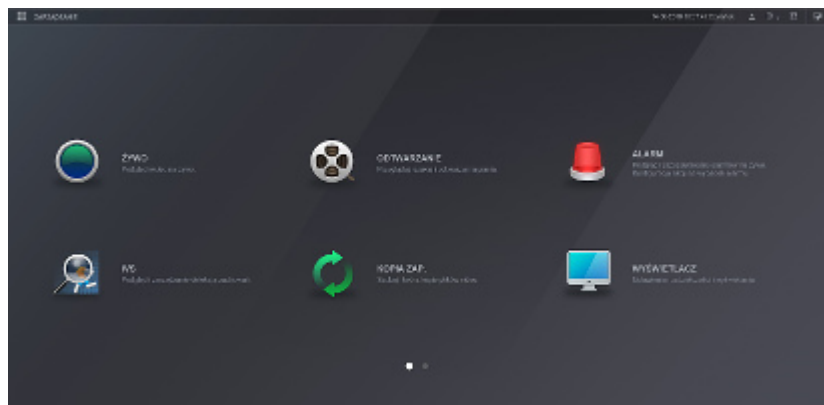


In the kit:



Example captures of device interface:





## PACKAGE

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