

Code: NVR4104-P-EI

## NVR **NVR4104-P-EI** 4 CHANNELS, 4 PoE WizSense DAHUA

Net: **346.71 EUR** Gross: **346.71 EUR**

NVR equipped with advanced functions of intelligent image analysis.



### SPECIFICATION

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>• 4 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. 80 Mbps                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supported hard drives:              | 1 x 16 TB SATA                                                                                                                                                                                                                                                                                                                                                                                                |
| Recording modes:                    | Manual, 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. 4 channels in the same time @ 8 Mpx (without AI)</li><li>• Records playback from max. 4 channels in the same time @ 5 Mpx (AI)</li></ul> |
| Network interface:                  | 1 x RJ-45 10/100 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 / -<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:                             | 2 pcs USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Serial ports:                    | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alarm inputs / outputs:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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><br>Functions implemented in cooperation between the recorder and cameras that support these functions : <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: | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Switch PoE:                      | 4-port PoE Switch built-in, 25.5 W / Channel - PoE (802.3af/at)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum total switch load:       | 36 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power supply:                    | 53 V DC / 1.22 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power consumption:               | max. 10 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Operation temp:                  | -10 °C ... 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight:                          | 0.45 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions:                      | 206 x 205 x 46 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Supported languages:             | Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer / Brand:            | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Guarantee:                       | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |



## PRESENTATION

Top view:



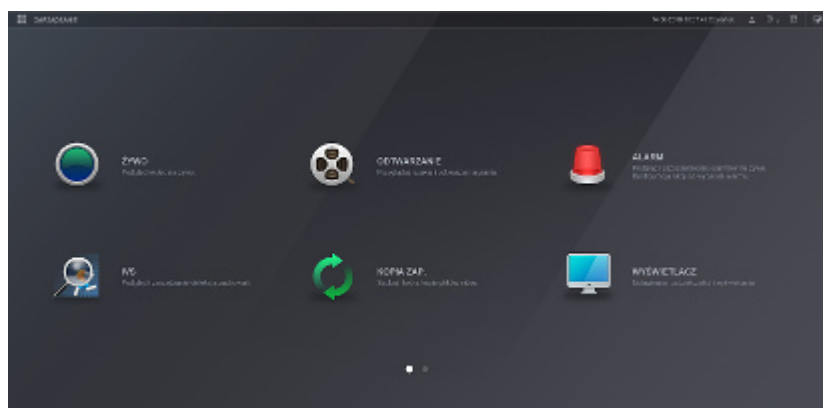
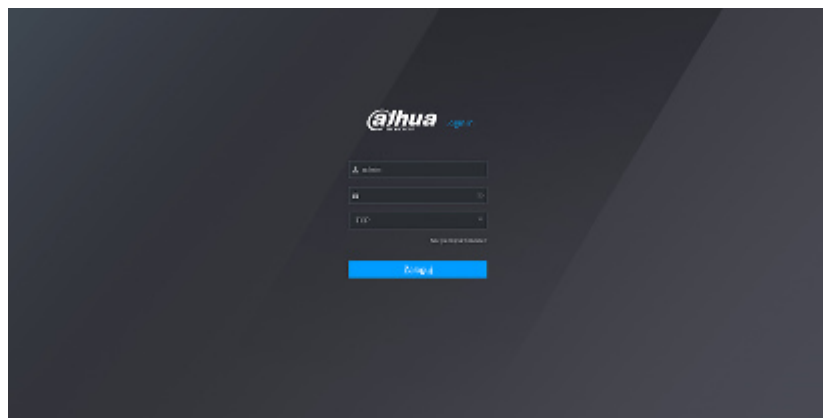
Rear panel:



In the kit:



Example captures of device interface:



## PACKAGE

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