

Code: NVR616DRH-128-XI

## NVR **NVR616DRH-128-XI** 128 CHANNELS WizMind DAHUA

NVR equipped with advanced functions of intelligent image analysis.



|                                     |                                                                                                                                                                                                                                                                                                                  |
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| Standard:                           | IP                                                                                                                                                                                                                                                                                                               |
| Supported resolutions:              | max. 32 Mpx                                                                                                                                                                                                                                                                                                      |
| Video outputs:                      | <ul style="list-style-type: none"> <li>• 2 pcs HDMI 4K</li> <li>• 1 pcs HDMI 8K</li> <li>• 1 pcs HDMI</li> <li>• 2 pcs VGA</li> </ul>                                                                                                                                                                            |
| Audio support:                      | <ul style="list-style-type: none"> <li>• 128 Channels - Audio from cameras,</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> </ul>                                                                                                                                              |
| Audio inputs:                       | 1 pcs CINCH                                                                                                                                                                                                                                                                                                      |
| Audio outputs:                      | 2 pcs CINCH                                                                                                                                                                                                                                                                                                      |
| Image compression method:           | Smart H.265+ / H.265 / Smart H.264+ / H.264                                                                                                                                                                                                                                                                      |
| Bitrate:                            | max. 1280 Mbps                                                                                                                                                                                                                                                                                                   |
| Supported hard drives:              | 16 x 20 TB SATA + 1 x eSATA ,<br>Raid 0/1/5/6/10                                                                                                                                                                                                                                                                 |
| 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</li> </ul> |
| Network interface:                  | 4 x RJ-45 10/100/1000/2500 Base-TX                                                                                                                                                                                                                                                                               |
| Network functions:                  | Full support via network, Remote records copying, Web Server built-in                                                                                                                                                                                                                                            |
| ONVIF:                              | 22.06                                                                                                                                                                                                                                                                                                            |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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:                           | <ul style="list-style-type: none"><li>• 2 pcs USB 2.0</li><li>• 2 pcs USB 3.0</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Serial ports:                  | <ul style="list-style-type: none"><li>• 2 pcs RS-485</li><li>• 1 pcs RS-232</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alarm inputs / outputs:        | 32 / 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PTZ control:                   | <ul style="list-style-type: none"><li>• IP Speed Dome Cameras</li><li>• RS-485 - PELCO-D/P and others</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Intelligent image analysis:    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Motion Detection:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main features:                 | <ul style="list-style-type: none"><li>• Panel with LCD display,</li><li>• Intelligent image analysis : IVS analysis - 10 rules, scene changing, face detection,</li><li>• SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle</li><li>• Filtering of false alarms based on the recognition of persons and vehicles</li><li>• Face recognition - supports 6 types of facial attributes extraction</li><li>• Face recognition and analysis in real time (up to 16 photos per second)</li><li>• Support for up to 40 face databases, including 300 000 face images</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><li>• AcuPick support - technology that uses artificial intelligence on both front-end and back-end to search through massive amounts of video data to quickly locate targets with high precision</li><li>• EPTZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles</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></ul> |
| Mouse support:                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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| IR remote controller in the set: | —                                                                                                               |
| Switch PoE:                      | —                                                                                                               |
| Power supply:                    | <ul style="list-style-type: none"><li>• 100 ... 240 V AC @ 50 ± 2 Hz</li><li>• Redundant power supply</li></ul> |
| Power consumption:               | max. 25 W (without HDD)                                                                                         |
| Operation temp:                  | -10 °C ... 55 °C                                                                                                |
| Weight:                          | 13.91 kg                                                                                                        |
| Dimensions:                      | 485 x 543 x 133 mm                                                                                              |
| Supported languages:             | Polish, English                                                                                                 |
| Manufacturer / Brand:            | DAHUA                                                                                                           |
| Guarantee:                       | <b>3 years</b>                                                                                                  |