

Code: NVR616DR-64-4KS2

## NVR **NVR616DR-64-4KS2** 64 CHANNELS +eSATA DAHUA

The device is designed for redundant operation in HotStandby mode.



|                                     |                                                                                                                                                                                                                                                                  |
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| Standard:                           | TCP/IP                                                                                                                                                                                                                                                           |
| Supported resolutions:              | max. 12 Mpx - 4000 x 3000 px                                                                                                                                                                                                                                     |
| Video outputs:                      | 2 pcs HDMI 4K<br>1 pcs VGA                                                                                                                                                                                                                                       |
| Audio support:                      | 64 Channels - Audio from cameras                                                                                                                                                                                                                                 |
| Audio inputs:                       | 1 pcs CINCH                                                                                                                                                                                                                                                      |
| Audio outputs:                      | 1 pcs CINCH                                                                                                                                                                                                                                                      |
| Image compression method:           | H.265+ / H.265 / H.264+ / H.264 / MPEG-4 / MJPEG                                                                                                                                                                                                                 |
| Supported hard drives:              | 16 x 10 TB SATA III + 1 x eSATA ,<br>Operation modes : Raid 0/1/5/6/10                                                                                                                                                                                           |
| Recording modes:                    | Manual, Sensor, Motion detection, Schedule                                                                                                                                                                                                                       |
| Network interface:                  | 4 x RJ45 10/100/1000 Mbps + 2 x Optical 1000 Mbps                                                                                                                                                                                                                |
| Network protocols:                  | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, P2P, iSCSI, ONVIF                                                                                                             |
| External storage devices backup:    | Backup to USB drive (pendrive, external drive)                                                                                                                                                                                                                   |
| Searching and playback the records: | Records searching: by time and events type. Records playback: forward, backward, fast, slow<br>"Frame by Frame" playback function                                                                                                                                |
| Bitrate:                            | max. 384 Mbps (total)                                                                                                                                                                                                                                            |
| Network functions:                  | Full support via network, Remote records copying, Web Server built-in                                                                                                                                                                                            |
| 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 |
| Default IP address:                 | 192.168.1.108                                                                                                                                                                                                                                                    |
| Default admin user / password:      | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                         |
| Web browser access ports:           | 80, 37777                                                                                                                                                                                                                                                        |



# DATA SHEET

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| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alarm inputs / outputs:          | 16 pcs / 8 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RS-232 interface:                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RS-485 interface:                | PTZ control function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PTZ control:                     | Many protocols                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Motion Detection:                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| USB:                             | <ul style="list-style-type: none"><li>• 2 pcs USB 2.0</li><li>• 2 pcs USB 3.0</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main features:                   | <ul style="list-style-type: none"><li>• Redundant power supply - The device is designed for redundant operation in HotStandby mode</li><li>• Panel with HD LCD 7" (1920x1080) display</li><li>• Ability to work drives in a RAID array can significantly improve system reliability</li><li>• Used in the construction holders (16 pcs) allow for quick and easy replacement of any of the hard drives</li><li>• Port SAS</li></ul> <p>Functions implemented in cooperation between the recorder and cameras that support these functions</p> <ul style="list-style-type: none"><li>• Advanced peripheral protection functions: intrusion, crossing line with separate rules for vehicles and pedestrians</li><li>• face detection</li><li>• Face recognition - supports 6 types of facial attributes extraction</li><li>• SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle</li><li>• metadata support</li><li>• ANPR</li><li>• people counting</li><li>• crowd gathering estimation</li><li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li><li>• Privacy zones</li></ul> |
| Mouse support:                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| IR remote controller in the set: | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:                    | 100 V ... 240 V AC, Redundant power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power consumption:               | < 51 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight:                          | 19.6 kg (without HDD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions:                      | 530 x 485 x 133 mm - RACK 19" 3U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supported languages:             | Polish, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Country of origin:               | China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer / Brand:            | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Guarantee:                       | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |