

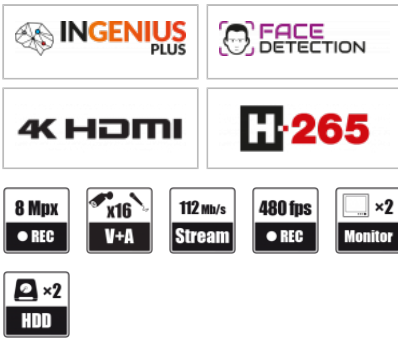
IP Recorder

NVR-6316P16-H2



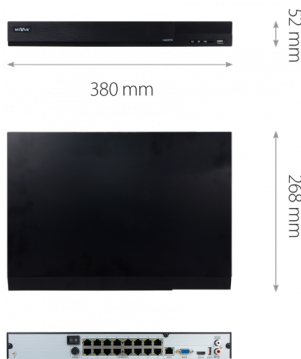
6000 VSS IP

KEY FEATURES



- 16 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s
- Video and audio channels: 16
- Supported protocols: ONVIF, RTSP
- Recording speed up to 480 fps at 3840 x 2160
- Supports resolution up to 3840 x 2160
- Recorded stream size: 112 Mb/s in total from all cameras
- Internal HDDs mount: 2
- Monitor outputs: 2 (HDMI (4K UltraHD), VGA)
- RACK mount
- Intelligent image analysis

DIMENSIONS



VIDEO

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|-------------------------------------|--|
| IP Cameras | up to 16 channels at 3840 x 2160 resolution (video + audio) |
| Maximum Supported Camera Resolution | 3840 x 2160 |
| Compression | H.264, H.264+, H.265 |
| Monitor Output | main (split screen, full screen, sequence): 1 x VGA, 1 x HDMI (4K UltraHD) (up to 2 monitors simultaneously) |
| Dualstreaming Support | yes |

AUDIO

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|--------------------|--|
| Audio Input/Output | 1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA) |
|--------------------|--|

RECORDING

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|--------------------|---|
| Stream Size | 112 Mb/s in total from all cameras |
| Recording Mode | time-lapse, triggered by: manual, alarm input, motion detection |
| Prealarm/Postalarm | up to 5 s/up to 600 s |

DISPLAY

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|---------------|-----------------------|
| Display Speed | 480 fps (16 x 30 fps) |
|---------------|-----------------------|

PLAYBACK

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|----------------------|-----------------------|
| Playback Speed | 480 fps (16 x 30 fps) |
| Recorded Data Search | by date/time, events |

BACKUP

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|--------------------|---|
| Backup Methods | USB port (HDD or Flash memory), network |
| Backup File Format | AVI, RPAS (player included) |

STORAGE

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|-------------------------|--|
| Internal Storage | available mount: 2 x HDD 3.5" 10 TB SATA |
| Total Internal Capacity | 20 TB |

ALARM

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|---------------------------------|--|
| Camera Alarm Input/Output | supports IP camera's alarm input/output |
| Motion Detection | supports camera's motion detection |
| System Reaction to Alarm Events | buzzer, e-mail, alarm output activation, recording activation, PTZ |

INTELLIGENT IMAGE ANALYSIS

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|---------------------|---|
| Supported Functions | Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Analysis of Recognized Number Plate Numbers (LPR) |
|---------------------|---|

NETWORK

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|------------------------------------|---|
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 16 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s |
| Network Protocols Support | HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP, P2P |
| ONVIF Protocol Support | Profile S (ONVIF 2.2 or higher) |
| PC/MAC Software | NMS, Internet Explorer, Firefox, Chrome, Opera, Safari, N Control 6000, Edge/Safari, N Control 6000 |
| Mobile applications | SuperLive Plus (iPhone, Android) |
| Number of Simultaneous Connections | up to 4 clients |
| Bandwidth | 112 Mb/s in total to all client workstations |

PTZ

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|---------------|--------------------------------|
| PTZ Functions | pan/tilt/zoom, preset commands |
|---------------|--------------------------------|

AUXILIARY INTERFACES

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|-----------|--------------|
| USB Ports | 2 x USB 2.0, |
|-----------|--------------|

OPERATING SYSTEM

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|-------------------|--|
| Operating System | Linux |
| Operation Mode | triplex |
| OSD | languages: Polish, English, others |
| Control | PC mouse and IR remote controller (in-set included), network |
| System Diagnostic | automatic control of: HDDs, network, camera connection loss |
| Security | password protection, IP filtering, MAC filtering |

INSTALLATION PARAMETERS

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|-----------------------|---|
| Dimensions (mm) | 380 (W) x 52 (H) x 268 (D) |
| Weight | 2.7 kg (without HDD) |
| Power Supply | 48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included) |
| Power Consumption | 40 W (with 2 HDDs) + 140 W PoE |
| Operating Temperature | -10°C ~ 50°C |
| RACK Mount 19" | 1U |

*In order to take full advantage of the recorder capabilities, it is recommended to use NOVUS IP 6000 series cameras. The availability of individual functions depends on the model of cameras used as well as the software version of the recorder and cameras. Detailed data can be found in the compatibility table available in the DOWNLOADS tab
The list of compatible drives is available in the DOWNLOADS tab.*