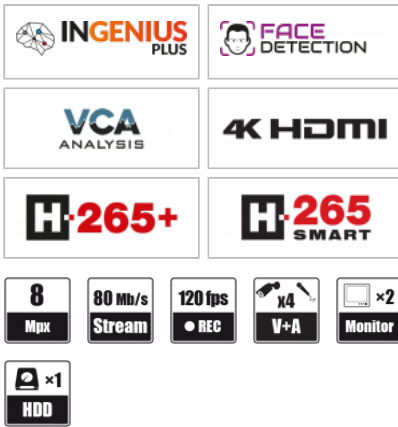


4-channel IP Recorder NVR-6304P4A-H1-II

6000 VSS IP



KEY FEATURES



- 4 x PoE Ethernet ports
- 4 x video and audio channels
- Recording speed up to 120 fps at 3840 x 2160
- Supports resolution up to 3840 x 2160
- Recorded stream size: 80 Mb/s in total from all cameras
- 1 x internal place for HDD mounting
- 2 x monitor outputs (HDMI 4K UltraHD, VGA)
- Intelligent image analysis

COMPATIBILITY



DIMENSIONS



The recorder is dedicated to work with NOVUS 6000 series IP cameras. Detailed data can be found in the compatibility table available in the **DOWNLOADABLE FILES** tab.

VIDEO

| | |
|-------------------------------------|--|
| IP Cameras | up to 4 channels at 3840 x 2160 resolution (video + audio) |
| Maximum Supported Camera Resolution | 3840 x 2160 |
| Compression | H.264, H.265, H.265+, H.265 Smart |
| Monitor Output | main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (up to 2 monitors simultaneously) |
| Dualstreaming Support | yes |
| Fisheye Support | yes, 6000 IP series cameras • using any web browser, N-VID6, N Control 6000 |

AUDIO

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

RECORDING

| | |
|--------------------|---|
| Recording Speed | 120 fps (4 x 30 fps for 3840 x 2160 and lower) |
| Stream Size | 80 Mb/s in total from all cameras |
| Recording Mode | continuous, triggered by: manual, alarm input, motion detection, intelligent image analysis functions |
| Prealarm/Postalarm | up to 5 s/up to 600 s |

DISPLAY

| | |
|---------------|----------------------|
| Display Speed | 120 fps (4 x 30 fps) |
|---------------|----------------------|

PLAYBACK

| | |
|----------------------|--|
| Playback Speed | 120 fps (4 x 30 fps) |
| Recorded Data Search | by date/time, events, image analysis events, POS, motion in a defined area, tags, license plate number |

BACKUP

| | |
|--------------------|---|
| Backup Methods | USB port (HDD or Flash memory), network |
| Backup File Format | MP4, AVI, DAT |

STORAGE

| | |
|-------------------------|--|
| Internal Storage | available mount: 1 x HDD 3.5" 10 TB SATA |
| Total Internal Capacity | 10 TB |

ALARM

| | |
|---------------------------|---|
| Camera Alarm Input/Output | supports IP camera's alarm input/output |
|---------------------------|---|

4-channel IP Recorder NVR-6304P4A-H1-II

| | |
|---------------------------------|---|
| Motion Detection | supports camera's motion detection |
| System Reaction to Alarm Events | buzzer, alarm output activation, recording activation, PTZ, e-mail with attachment, Full Screen, PUSH message, voice prompt, snapshot |

INTELLIGENT IMAGE ANALYSIS

| | |
|---------------------|---|
| Supported Functions | Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR), Video metadata |
| Database Capacity | 1000 license plates |

NETWORK

| | |
|------------------------------------|--|
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 4 x Ethernet PoE (IEEE802.3af/at, Class 4) - RJ-45 interface, 10/100 Mbit/s, with Extended mode |
| Network Protocols Support | HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5 |
| PC/MAC Software | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 |
| Mobile applications | N-VID6 (iPhone, Android) |
| Number of Simultaneous Connections | up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total |
| Bandwidth | 80 Mb/s in total to all client workstations |

PTZ

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

AUXILIARY INTERFACES

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

OPERATING SYSTEM

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

INSTALLATION PARAMETERS

| | |
|-----------------------|------------------------------|
| Dimensions (mm) | 300 (W) x 52 (H) x 248 (D) |
| Weight | 1.16 kg (without HDD) |
| Power Supply | 100 ~ 240 VAC |
| Power Consumption | 20 W (with 1 HDD) + 48 W PoE |
| Operating Temperature | -10°C ~ 50°C |

The availability of individual functions (including image analysis) depends on the model of the cameras used, as well as the software version of the recorder and cameras. Presented display and playback speeds are achieved using dual-streaming. Detailed data on hard drives can be found in the compatibility table available in the DOWNLOADABLE FILES tab.