# 4-channel IP Recorder

## NVR-6204-H1/LITE



### KEY FEATURES

- 4 x video and audio channels
- Recording speed up to 120 fps at 3200 x 1800
- Supports resolution up to 3200 x 1800
- Recorded stream size: 40 Mb/s in total from all cameras
- 1 x internal place for HDD mounting
- 2 x monitor outputs (HDMI, VGA)
- Intelligent image analysis

### COMPLIANCE

### 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.**

**The recorder need 1.4.10 firmware version to support 6Mpx IP cameras.**

### VIDEO

| | |
|---|---|
| IP Cameras | up to 4 channels at 3200 x 1800 resolution (video + audio) |
| Maximum Supported Camera Resolution | 3200 x 1800 |
| Compression | H.264, H.265, H.265+, H.265 Smart |
| Monitor Output | main (split screen, full screen, sequence): 1 x HDMI, 1 x VGA (up to 2 monitors simultaneously) |
| Dualstreaming Support | yes |
| Fisheye Support | yes, 6000 IP series cameras • using any web browser, ipGO 6, N Control 6000 |

### AUDIO

| | |
|---|---|
| Audio Input/Output | - / 1 x HDMI |

### RECORDING

| | |
|---|---|
| Stream Size | 40 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

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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: 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 |

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| | |
|---|---|
| Motion Detection | supports camera's motion detection |
| System Reaction to Alarm Events | buzzer, alarm output activation, recording activation, PTZ, e-mail with atatchment, 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, Cross Counting, Fire detection, Temperature measurement, Video metadata |

### NETWORK

| | |
|---|---|
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| 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 |
| ONVIF Protocol Support | G/M/S/T profiles |
| 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 | ipGO 6 (iPhone, Android) |
| Number of Simultaneous Connections | up to 64 clients, up to 8 main streams or 64 substreams or 4 playback streams in total |
| Bandwidth | 40 Mb/s in total to all client workstations |

### PTZ

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|---|---|
| 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 | 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) | 255 (W) x 42 (H) x 233 (D) |
| Weight | 0.7 kg (without HDD) |
| Power Supply | 12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included) |
| Power Consumption | 18 W (with 1 HDD) |
| 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.*
*"INGENIUS PLUS" features support means, that "INGENIUS" is also supported*
*The recorder need 1.4.10 firmware version to support 6Mpx IP cameras.*