# 8-channel IP Recorder

NVR-6208P8-H1-II



## FUNCTIONS

**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.**

## COMPLIANCE

## KEY FEATURES

- 8 x PoE Ethernet ports
- 8 x video and audio channels
- Recording speed up to 240 fps at 3200 x 1800
- Supports resolution up to 3200 x 1800
- Recorded stream size: 64 Mb/s in total from all cameras
- 1 x internal place for HDD mounting
- 2 x monitor outputs (HDMI, VGA)
- Intelligent image analysis

## DIMENSIONS



42 mm

255 mm



233 mm



| | |
|---|---|
| **Video** | |
| IP Cameras | up to 8 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<br>using any web browser, ipGO 6, N Control 6000 |
| **Audio** | |
| Audio Input/Output | - / 1 x HDMI |
| **Recording** | |
| Stream Size | 64 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 | 240 fps (8 x 30 fps) |
| **Playback** | |
| Playback Speed | 240 fps (8 x 30 fps for 2592 x 1944)<br>240 fps (8 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 | AVI, RPAS (player included) |
| **Storage** | |
| Internal Storage | available mount: 1 x HDD 3.5" 24 TB SATA |
| Total Internal Capacity | 24 TB |
| **Alarm** | |
| Camera Alarm Input/Output | supports IP camera's alarm input/output |
| 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, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Fire detection, Temperature measurement, Video metadata |
| **Network** | |
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s<br>8 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 |
| 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 12 main streams or 64 substreams or 8 playback streams in total |
| Bandwidth | 64 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 | 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 | 0.84 kg (without HDD) |
| Power Supply | 48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included) |
| Power Consumption | 15 W (with 1 HDD) + 72 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.*
*The recorder need 1.4.10 firmware version to support 6Mpx IP cameras.*