



# IP Recorder

## NVR-7704P4-H1

7000  
IP SERIES



### FUNCTIONS

4K HDMI ipGO

H.265

80 Mb/s  
Stream

120 fps  
REC

x4  
V+A

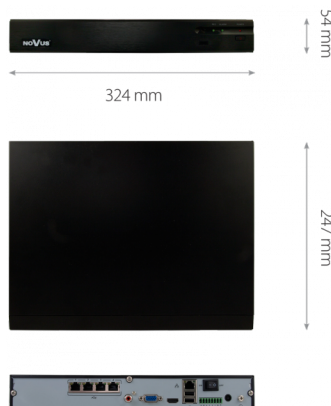
x2  
Monitor

x1  
HDD

### 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, VGA)
- ipGO - extremely easy adding and configuring IP cameras with DVR menu

### DIMENSIONS



| Video                               |  |
|-------------------------------------|--|
| Maximum Supported Camera Resolution | 3840 x 2160  |
| Compression                         | H.264, H.264+, H.265   |
| Monitor Output                      | main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (up to 2 monitors simultaneously)   |
| Dualstreaming Support               | yes*   |
| Audio                               |  |
| Audio Input/Output                  | - / 1 x line-out (RCA)   |
| Recording                           |  |
| Recording Speed                     | 120 fps (4 x 30 fps for 1280 x 720),<br>120 fps (4 x 30 fps for 1920 x 1080),<br>120 fps (4 x 30 fps for 2048 x 1536),<br>120 fps (4 x 30 fps for 2560 x 1440)   |
| Stream Size                         | 60 Mb/s in total from all cameras  |
| Recording Mode                      | continuous, triggered by: manual, alarm input, motion detection  |
| Schedule                            | individual settings for: each camera, each day of the week, configuration with an accuracy of: 15 min, possibility of combining individual recording modes   |
| Prealarm/Postalarm                  | up to 30 s/up to 180 s   |
| Display                             |  |
| Display Speed                       | 120 fps (4 x 30 fps)**   |
| Playback                            |  |
| Playback Speed                      | 120 fps (4 x 30 fps for 1280 x 720) **,<br>120 fps (4 x 30 fps for 1920 x 1080) **,<br>120 fps (4 x 30 fps for 2048 x 1536) **,<br>120 fps (4 x 30 fps for 2560 x 1440) **,<br>120 fps (4 x 30 fps for 3840 x 2160) ** |
| Recorded Data Search                | by date/time, events   |
| Backup                              |  |
| Backup Methods                      | USB port (HDD or Flash memory), network  |
| Backup File Format                  | AVI, DAT   |
| Storage                             |  |
| Internal Storage                    | available mount: 1 x HDD 3.5" 24/7 grade for recording*  |
| Total Internal Capacity             | 8 TB   |
| Alarm                               |  |
| Internal Alarm Input/Output         | 2/1 relay type   |
| Motion Detection                    | supports camera's motion detection*  |
| System Reaction to Alarm Events     | buzzer, alarm output activation, recording activation, PTZ, e-mail with attachment   |
| Network                             |  |
| Network Interface                   | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s<br>4 x Ethernet PoE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s  |
| Network Protocols Support           | HTTP, TCP/IP, IPv4, UDP, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SMTP   |
| PC/MAC Software                     | NMS, Internet Explorer, Firefox, Chrome, Opera/Safari  |
| Mobile applications                 | RealViewPro (iPhone, Android)  |
| Number of Simultaneous Connections  | up to 2 clients  |
| Bandwidth                           | 60 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  |
| Operation Mode                      | triplex  |
| 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  |
| Installation parameters             |  |
| Dimensions (mm)                     | 324 (W) x 54 (H) x 247 (D)   |
| Weight                              | 1.2 kg   |
| Power Supply                        | 48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included)  |
| Power Consumption                   | 20 W (with 1 HDD) + 40 W PoE   |
| Operating Temperature               | -10°C ~ 55°C   |

\* Function depends on communication protocol, for details please check compatibility table in section DOWNLOADABLE FILES.

\*\* Available with dual streaming mode.

\*\*\* List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.