

## IP Recorder

**NVR-7704P4-H1****7000**  
IP SERIES**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)
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**RECORDING**

Recording Speed	120 fps (4 x 30 fps for 1280 x 720) • 120 fps (4 x 30 fps for 1920 x 1080) • 120 fps (4 x 30 fps for 2048 x 1536) • 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)**
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**PLAYBACK**

Playback Speed	120 fps (4 x 30 fps for 1280 x 720) ** • 120 fps (4 x 30 fps for 1920 x 1080) ** • 120 fps (4 x 30 fps for 2048 x 1536) ** • 120 fps (4 x 30 fps for 2560 x 1440) ** • 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 (max. 12VDC/1A)
Motion Detection	supports camera's motion detection*

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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 • 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
ONVIF Protocol Support	S profile (ONVIF 2.2 or higher)
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*
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**AUXILIARY INTERFACES**

USB Ports	2 x USB 2.0
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**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.