IP Recorder

NVR-7716P16-H2



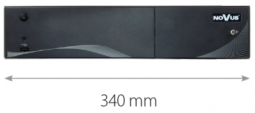
FUNCTIONS

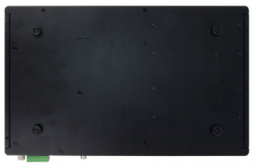
4K HDMI · ipGO · H.264+ · 160 Mb/s Stream · 480 fps ● REC · x16 V+A · ×2 Monitor · ×2 HDD

KEY FEATURES

- 16 x PoE Ethernet ports
- 16 x video and audio channels
- Recording speed up to 480 fps at 3840 x 2160
- Supports resolution up to 3840 x 2160
- Recorded stream size: 160 Mb/s in total from all cameras
- 2 x internal place for HDD mounting
- 2 x monitor outputs (HDMI 4K UltraHD, 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	480 fps (16 x 30 fps for 1280 x 720), 480 fps (16 x 30 fps for 1920 x 1080), 480 fps (16 x 30 fps for 2048 x 1536), 480 fps (16 x 30 fps for 2560 x 1440)
Stream Size	160 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	480 fps (16 x 30 fps)**
Playback	
Playback Speed	480 fps (16 x 30 fps for 1280 x 720) **, 480 fps (16 x 30 fps for 1920 x 1080) **, 480 fps (16 x 30 fps for 2048 x 1536) **, 480 fps (16 x 30 fps for 2560 x 1440) **, 480 fps (16 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: 2 x HDD 3.5" 10 TB SATA
Total Internal Capacity	20 TB
Alarm	
Internal Alarm Input/Output	4/1 relay type (max. 12VDC/1A)
Motion Detection	supports camera's motion detection*
System Reaction to Alarm Events	buzzer, alarm output activation, recording activation, PTZ, e-mail with atatchment
Network	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 16 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	160 Mb/s in total to all client workstations
PTZ	
PTZ Functions	pan/tilt/zoom, preset commands*
Auxiliary Interfaces	
USB Ports	1 x USB 2.0, 1 x USB 3.0
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, IP filtering, MAC filtering
Installation parameters	
Dimensions (mm)	340 (W) x 77 (H) x 217 (D)
Weight	3.2 kg
Power Supply	100 ~ 240 VAC
Power Consumption	40 W (with 2 HDDs) + 200 W PoE
Operating Temperature	0°C ~ 50°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.*