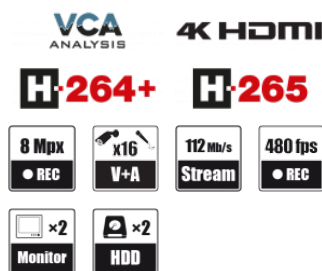


## IP Recorder NVR-6316P16-H2



6000 VDC  
IP

### FUNCTIONS



### KEY FEATURES

- 16 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s
- Video and audio channels: 16
- Supported protocols: ONVIF, RTSP
- Recording speed up to 480 fps at 3840 x 2160
- Supports resolution up to 3840 x 2160
- Recorded stream size: 112 Mb/s in total from all cameras
- Internal HDDs mount: 2
- Monitor outputs: 2 (HDMI (4K UltraHD), VGA)
- Intelligent image analysis

### DIMENSIONS



<b>Video</b>	
IP Cameras	up to 16 channels at 3840 x 2160 resolution (video + audio)
Maximum Supported Camera Resolution	3840 x 2160
Compression	H.264, H.264+, H.265
Monitor Output	main (split screen, full screen, sequence): 1 x VGA, 1 x HDMI (4K UltraHD) (up to 2 monitors simultaneously)
Dualstreaming Support	yes
<b>Audio</b>	
Audio Input/Output	1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)
<b>Recording</b>	
Recording Speed	480 fps (16 x 30 fps for 3840 x 2160)
Stream Size	112 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: manual, alarm input, motion detection
Prealarm/Postalarm	up to 5 s/up to 600 s
<b>Display</b>	
Display Speed	480 fps (16 x 30 fps)
<b>Playback</b>	
Playback Speed	480 fps (16 x 30 fps)
Recorded Data Search	by date/time, events
<b>Backup</b>	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	AVI, RPAS (player included)
<b>Storage</b>	
Internal Storage	available mount: 2 x HDD 3.5" 10 TB SATA
Total Internal Capacity	20 TB
<b>Alarm</b>	
Camera Alarm Input/Output	supports camera's alarm input/output
Motion Detection	supports camera's motion detection
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, recording activation, PTZ
<b>Intelligent image analysis</b>	
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, Analysis of Recognized Number Plate Numbers (LPR)
<b>Network</b>	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 16 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP
ONVIF Protocol Support	Profile S (ONVIF 2.2 or higher)
PC/MAC Software	NMS, Internet Explorer, Firefox, Chrome, Opera, Safari, N Control 6000, Edge/Safari, N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)
Number of Simultaneous Connections	up to 4 clients
Bandwidth	112 Mb/s in total to all client workstations
<b>PTZ</b>	
PTZ Functions	pan/tilt/zoom, preset commands
<b>Auxiliary Interfaces</b>	
USB Ports	2 x USB 2.0,
<b>Operating system</b>	
Operating System	Linux
Operation Mode	triplex
OSD	languages: Polish, English, others
Control	PC mouse and IR remote controller (in-set included), network
System Diagnostic	automatic control of: HDDs, network, camera connection loss
Security	password protection, IP filtering, MAC filtering
<b>Installation parameters</b>	
Dimensions (mm)	380 (W) x 52 (H) x 268 (D)
Weight	2.7 kg (without HDD)
Power Supply	48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included)
Power Consumption	40 W (with 2 HDDs) + 140 W PoE
Operating Temperature	-10°C ~ 50°C

In order to take full advantage of the recorder capabilities, it is recommended to use NOVUS IP 6000 series cameras. The availability of individual functions depends on the model of cameras used as well as the software version of the recorder and cameras. Detailed data can be found in the compatibility table available in the DOWNLOADS tab  
The list of compatible drives is available in the DOWNLOADS tab.