

## 16-channel IP Recorder

### NVR-6316P16-H2



#### **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: 112 Mb/s in total from all
- cameras
- •2 x internal place for HDD mounting
- •2 x monitor outputs (HDMI 4K UltraHD, VGA) •RACK mount
- Intelligent image analysis

#### DIMENSIONS



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.

NoVus

Resolution       H.264, H.265, H.265 +, H.265 Smart         Monitor Output       main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x         VGA (up to 2 monitors simultaneously)       Dualstreaming Support         yes       6000 IP series cameras • using N-VID6, Internet Explorer, N         AUDIO       Audio Input/Output         Audio Input/Output       1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)         RECORDING       Stream Size         Stream Size       112 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         Playback       480 fps (16 x 30 fps)         PLAYBACK       Playback Speed         Playback Speed       480 fps (16 x 30 fps)         Recorded Data Search       by date/time, events, image analysis events, POS, motion in a define area, tags         Backup Hile Format       MP4, AVI, RPAS (player included)         STORAGE       Linternal Storage         Internal Storage       available mount: 2 x HDD 3.5" 10 TB SATA         Total Internal Capacity       20 TB         ALARM       Camera Alarm Input/Output	IP Cameras	up to 16 channels at 3840 x 2160 resolution (video + audio)
Monitor Output       main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x         Dualstreaming Support       yes         Fisheye Support       yes, 6000 IP series cameras • using N-VID6, Internet Explorer, N         Control 6000       AUDIO         Audio Input/Output       1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)         RECORDING       Stream Size         Stream Size       112 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         PlayBACK       480 fps (16 x 30 fps)         PLAYBACK       by date/time, events, image analysis events, POS, motion in a definer area, tags         BACKUP       USB port (HDD or Flash memory), network         Backup File Format       MP4, AVI, RPAS (player included)         STORAGE       20 TB         Internal Storage       available mount: 2 x HDD 3.5" 10 TB SATA         Total Internal Capacity       20 TB         ALARM       Supports IP camera's alarm input/output	Maximum Supported Camera Resolution	3840 x 2160
VGA (up to 2 monitors simultaneously)         Dualstreaming Support       yes         Fisheye Support       yes, 6000 IP series cameras • using N-VID6, Internet Explorer, N Control 6000         AUDIO       Audio Input/Output       1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)         RECORDING       Stream Size       112 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       480 fps (16 x 30 fps)         PlayBaCK       PlayBack Speed       480 fps (16 x 30 fps)         Recorded Data Search       by date/time, events, image analysis events, POS, motion in a definerare, tags         BACKUP       Backup File Format       MP4, AVI, RPAS (player included)         STORAGE       ualable mount: 2 x HDD 3.5" 10 TB SATA         Total Internal Capacity       20 TB         ALARM       camera's alarm input/output	Compression	H.264, H.265, H.265+, H.265 Smart
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Total Internal Capacity     20 TB       ALARM     20 TB       Camera Alarm Input/Output     supports IP camera's alarm input/output	STORAGE	
ALARM Camera Alarm Input/Output supports IP camera's alarm input/output	Internal Storage	available mount: 2 x HDD 3.5" 10 TB SATA
Camera Alarm Input/Output supports IP camera's alarm input/output	Total Internal Capacity	20 TB
	ALARM	
Motion Detection supports camera's motion detection	Camera Alarm Input/Output	supports IP camera's alarm input/output
	Motion Detection	supports camera's motion detection

**Real** 



# 16-channel IP Recorder NVR-6316P16-H2

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 ANALYS	IS
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)
Database Capacity	1000 license plates
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/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5
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	N-VID6 (iPhone, Android)
Number of Simultaneous Connectio	nsup to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total
Bandwidth	112 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 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, ARP guard
INSTALLATION PARAMETERS	
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 Supply Power Consumption	48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included) 40 W (with 2 HDDs) + 140 W PoE

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.

