

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
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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.

