NOVUS

64-channel IP Recorder

NVR-6364-H8/FR-II





KEY FEATURES





























- •64 x video and audio channels
- •Recording speed up to 1920 fps at 5520 x 2400
- •Supports resolution up to 5520 x 2400
- •Recorded stream size: 640 Mb/s in total from all cameras
- •8 x internal place for HDD mounting
- $\, ^{ullet} \, 5$ x monitor outputs (HDMI 8K UHDTV, 2 x HDMI 4K UltraHD, HDMI, VGA)
- •Intelligent image analysis
- •RAID protects recordings

COMPLIANCE



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.

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IP Cameras	up to 64 channels at 5520 x 2400 resolution (video + audio)	
Maximum Supported Camera Resolution	5520 x 2400	
Compression	H.264, H.265, H.265+, H.265 Smart	
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI (8K UHDTV), 1 x VGA (up to 2 monitors simultaneously) • spot: 2 x HDMI (4K Ultra HD), 1 x HDMI (FullHD)	
Dualstreaming Support	yes	
Fisheye Support	yes, 6000 IP series cameras $ullet$ using NVR, any web browser, ipGO 6, N Control 6000	
AUDIO		
Audio Input/Output	1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)	
RECORDING		
Stream Size	640 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	1920 fps (64 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 defined area, related to face recognition, tags, license plate number	
BACKUP		
Backup Methods	USB port (HDD or Flash memory), network	
Backup File Format	MP4, AVI, RPAS (player included)	
STORAGE		
Internal Storage	available mount: 8 x HDD 3.5" 18 TB SATA	
Total Internal Capacity	144 TB	
External storage	2 x eSATA	
Total External Capacity	36 TB	
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RAID0, RAID1, RAID5, RAID6, RAID10



RAID Mode

NoVus

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445 mm





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ALARM

Internal Alarm Input/Output	16/4 relay type (max. 12VDC/1A)
Camera Alarm Input/Output	supports IP camera's alarm input/output
Motion Detection	supports camera's motion detection
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 ANALYSIS

Supported Functions	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Face Recognition, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR), Video metadata
Database Capacity	10000 faces • 50000 license plates
Other parameters	face recognition for 16 NOVUS 6000 series IP cameras with 'F' in the model name or 4 ONVIF cameras $$

NETWORK

METWORK		
Network Interface	2 x Ethernet - RJ-45 interface, 10/100/1000 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	ipGO 6 (iPhone, Android)	
Number of Simultaneous Conne	ctionsup to 128 clients, up to 68 main streams or 256 substreams or 32 playback streams in total	
Bandwidth	640 Mb/s in total to all client workstations	
PTZ		
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PTZ Functions pan/tilt/zoom, preset commands

AUXILIARY INTERFACES

USB Ports 2 x USB 2.0, 1 x USB 3.0

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)	445 (W) x 90 (H) x 436 (D)
Weight	6 kg (without HDD)
Power Supply	100 ~ 240 VAC
Power Consumption	150 W (with 8 HDDs)
Operating Temperature	-10°C ~ 50°C
RACK Mount 19"	2U







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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.

