8-channel IP Recorder

NVR-4408P8-H1/F-II

FUNCTIONS

INGENIUS PLUS · FACE RECOGNITION · FACE DETECTION · VCA ANALYSIS · 4K HDMI · H.265+

8 Mpx · 128 Mb/s Stream · x8 V+A · 240 fps ● REC · ×2 Monitor · ×1 HDD

The recorder is dedicated to work with NOVUS 4000 series IP cameras. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

COMPATIBILITY

NDAA

KEY FEATURES

- 8 x PoE Ethernet ports
- 8 x video and audio channels
- Recording speed up to 240 fps at 3840 x 2160
- Recorded stream size: 128 Mb/s in total from all cameras
- 1 x internal place for HDD mounting
- 2 x monitor outputs (HDMI 4K UltraHD, VGA)
- Face recognition

DIMENSIONS

53 mm

300 mm

227 mm

Video	
IP Cameras	up to 8 channels at 3840 x 2160 resolution (video + audio)
Maximum Supported Camera Resolution	3840 x 2160 4000 x 3000 for fisheye cameras
Compression	H.264, H.264+, H.265, 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
Fisheye Support	using Internet Explorer, RXCamView, NHDR-5000Viewer, N Control 4000
Audio	
Audio Input/Output	- / 1 x HDMI, 1 x line-out (RCA)
Recording	
Recording Speed	240 fps (8 x 30 fps for 3840 x 2160 and lower)
Stream Size	128 Mb/s in total from all cameras
Recording Mode	continuous, triggered by: manual, alarm input, motion detection, face recognition, intelligent image analysis functions, PIR alarm
Prealarm/Postalarm	up to 3 s/up to 600 s
Display	
Display Speed	240 fps (8 x 30 fps)
Playback	
Playback Speed	240 fps (8 x 30 fps)
Recorded Data Search	by date/time, events, image analysis events, motion in a defined area, related to face recognition, tags
Backup	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	JPG, BMP, PNG, MP4, AVI, RF
Storage	
Internal Storage	available mount: 1 x HDD 3.5" 8 TB SATA
Total Internal Capacity	8 TB
External storage	network HDD (NFS or SMB/CIFS)
Total External Capacity	64 TB
Alarm	
Camera Alarm Input/Output	supports IP camera's alarm input/output
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, screen message, recording activation, PTZ, Full Screen, FTP picture upload, FTP video upload, picture to Cloud, video to Cloud, voice prompt
Intelligent image analysis	
Supported Functions	Exception, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Crowd detection, Face Detection, Face Recognition (in cooperation with selected 4000 series cameras), Pedestrian Detection, Cross Counting, Sound detection, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Objects Distinguishing, Queue Lenght Detection, Heat Map, Cross Counting by pedestrian or vehicle
Network	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 8 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, PPPoE, SMTP, P2P, HTML5
PC/MAC Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, NHDR-5000 Viewer, Firefox, Chrome, Opera, Edge, N Control 4000/Safari, NHDR-5000 Viewer, N Control 4000
Mobile applications	RxCamView (iPhone, Android)
Number of Simultaneous Connections	up to 32 users, each user up to 5 devices
Bandwidth	128 Mb/s in total to all client workstations
PTZ	
PTZ Functions	pan/tilt/zoom, preset commands, patterns
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
Installation parameters	
Dimensions (mm)	300 (W) x 53 (H) x 227 (D)
Weight	1.1 kg (without HDD)
Power Supply	48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included)
Power Consumption	20 W (with 1 HDD) + 59 W PoE
Operating Temperature	-10°C ~ 45°C

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.
In order to create face recognition system, please deploy NOVUS 4000 series IP cameras with "F" in the model name.
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.