NOVUS®

IP Recorder

NVR-6304P4-H1-II

6000 VSS IP

KEY FEATURES

FACE DETECTION	VCA ANALYSIS
4K HDMI	H-265

8 Mpx	40 Mb/s Stream	120 fps ● REC	x4 V+A	x2 Monitor

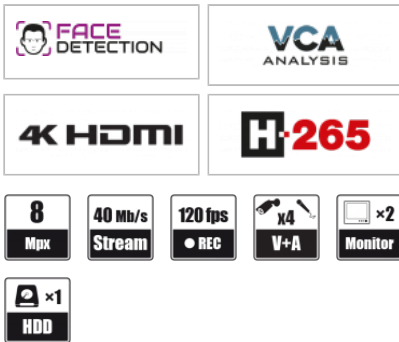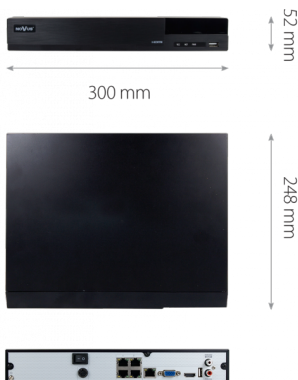| x1 HDD |
|---|

- 4 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s
- Video and audio channels: 4
- Supported protocols: ONVIF
- Recording speed up to 120 fps at 3840 x 2160
- Supports resolution up to 3840 x 2160
- Recorded stream size: 40 Mb/s in total from all cameras
- Internal HDDs mount: 1
- Monitor outputs: 2 (HDMI (4K UltraHD), VGA)
- Intelligent image analysis

DIMENSIONS

52 mm
300 mm
248 mm

VIDEO

IP Cameras	up to 4 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

AUDIO

Audio Input/Output	1 x line-in (RCA) / 1 x line-out (RCA), 1 x HDMI

RECORDING

Stream Size	40 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: manual, motion detection
Prealarm/Postalarm	up to 5 s/up to 600 s

DISPLAY

Display Speed	120 fps (4 x 30 fps)

PLAYBACK

Playback Speed	120 fps (4 x 30 fps)
Recorded Data Search	by date/time, events

BACKUP

Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	AVI, DAT

STORAGE

Internal Storage	available mount: 1 x HDD 3.5" 10 TB SATA
Total Internal Capacity	10 TB

ALARM

Camera Alarm Input/Output	supports IP camera's alarm input/output
Motion Detection	supports camera's motion detection
System Reaction to Alarm Events	buzzer, recording activation, PTZ, e-mail with atatchment

INTELLIGENT IMAGE ANALYSIS

Supported Functions	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Analysis of Recognized Number Plate Numbers (LPR)

NETWORK

Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 4 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s with Extended mode
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP, P2P, HTML5
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 5 clients, up to 8 main streams or 16 substreams or 4 playback streams in total
Bandwidth	40 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
Operation Mode	triplex
OSD	languages: Polish, English, others
Control	IR remote controller, PC mouse (in-set included), network
System Diagnostic	automatic control of: HDDs, network, camera connection loss
Security	password protection, IP filtering, MAC filtering

INSTALLATION PARAMETERS

Dimensions (mm)	300 (W) x 52 (H) x 248 (D)
Weight	1.16 kg (without HDD)
Power Supply	100 ~ 240 VAC
Power Consumption	20 W (with 1 HDD) + 40 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 (including face recognition) depends on the model of cameras used as well as the software version of the recorder and cameras.
In order to create face recognition system please deploy 6000 series cameras with "F" in the model name only.
Detailed data on camera compatibility with recorders and compatible hard drives can be found in the compatibility tables available in the DOWNLOADABLE FILES tab.