



**SET CONTAINS:**  
 1 x IP Recorder NVR-6304P4-H1  
 1 x hard drive 1 TB  
 4 x IP Camera NVIP-2DN3033V/IR-1P-II  
 4 x 20 m UTP cable  
 1 x 1 m UTP cable  
 1 x 1,5 m HDMI cable  
 1 x optical mouse

## IP SET NV-IPSET-2

### IP Recorder

NVR-6304P4-H1

**6000**  
IP SERIES

### IP Camera

NVIP-2DN3033V/IR-1P-II

**3000**  
IP SERIES

#### KEY FEATURES

- 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

40 Mb/s Stream	120 fps REC	x1 HDD	5 Mpx REC	x4 V+A	x2 Monitor
-------------------	----------------	-----------	--------------	-----------	---------------

VCA ANALYSIS 4K HDMI H.264+ H.264 H.265

#### KEY FEATURES

- Resolution: 2 MPX
- D/N function - IR cut filter
- Lens: standard, f=2.8 mm/F1.6
- Video content analytics
- WDR with double scan sensor
- Min. Illumination from 0.09 lx (0 lx, IR on)
- IR LED, range up to 20 m

2 Mpx	D/N IR-cut	0.09 Lux	f=2.8	IR 20 m
----------	---------------	-------------	-------	------------

VCA ANALYSIS H.264 H.265

#### COMPATIBILITY



#### COMPATIBILITY





## IP Recorder

NVR-6304P4-H1

VIDEO	
IP Cameras	4 channels at 3840 x 2160 resolution (video + audio)
Supported Resolution	max. 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 Output	1 x line-out (RCA) 1 x HDMI
RECORDING	
Recording Speed	120 fps (4 x 30 fps for 1280 x 720), 120 fps (4 x 30 fps for 1920 x 1080), 120 fps (4 x 30 fps for 2048 x 1536), 120 fps (4 x 30 fps for 2560 x 1440), 120 kl/s (4 x 30 kl/s for 3840 x 2160)
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	
Recording Speed	120 fps (4 x 30 fps for 1280 x 720) **, 120 fps (4 x 30 fps for 1920 x 1080) **, 120 fps (4 x 30 fps for 2048 x 1536) **, 120 fps (4 x 30 fps for 2560 x 1440) **, 120 fps (4 x 30 fps for 2592 x 1944) **, 120 fps (4 x 30 fps for 3840 x 2160) **
Recorded Data Search	by date/time, events
STORAGE	
Internal storage for recording	available mount: 1 x HDD 3.5" 8 TB SATA
Total Capacity	8 TB
INTELLIGENT IMAGE ANALYSIS	
Supported functions	Object Detection, Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Intrusion
NETWORK	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s 4 x Ethernet PoE - RJ-45 interface, 10/100 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP
ONVIF Protocol Support	Profile S (ONVIF 2.2 or higher)
PC/MAC Software	Internet Explorer, NVR-6000 Viewer/Safari
Smartphone Software	SuperLive Plus (iPhone, Android)
Max. Number of Connections with NVR	2
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,
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	12 W (with 1 HDD) + 36 W PoE
Operating Temperature	-10°C ~ 50°C

Support for intelligent image analysis works only with NOvUS IP 3000 series cameras  
\* Function depends on communication protocol, for details please check compatibility table in section DOWNLOADABLE FILES.

\*\* Available with dual streaming mode.



## IP Camera

NVIP-2DN3033V/IR-1P-II

IMAGE	
Image Sensor	2 MPX CMOS sensor 1/2.7" APTINA
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.09 lx/F1.6 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1/25 s ~ 1/1000000 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
LENS	
Lens Type	standard, f=2.8 mm/F1.6
DZIEŃ/NOC	
Switching Type	mechanical IR cut filter
Switching Level Adjustment	yes
Switching Schedule	yes
Visible Light Sensor	yes
NETWORK	
Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	30 fps for 1920 x 1080 (Full HD) and lower resolutions
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.265, MJPEG/G.711
Number of Simultaneous Connections	max. 4
Bandwidth	9 Mb/s in total
Network Protocols Support	TCP/IP, UDP, FTP, DHCP, DDNS, NTP, RTSP, UPnP, PPPoE, SMTP
ONVIF Protocol Support	Profile S (ONVIF 2.3)
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NMS
OTHER FUNCTIONS	
Privacy Zones	4
Motion Detection	yes
Region of interest (ROI)	3
Video Content Analysis (VCA)	tamper, line cross, zone entrance
Image Processing	180° image rotation, sharpening, mirror effect, corridor mode
Prealarm/Postalarm	-/up to 240 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server
IR LED	
LED Number	10
Range	20 m
Angle	90°
INTERFACES	
Video Output	BNC, 1.0 Vp-p, 75 Ohm
Audio Input/Output	1 x Jack (3.5 mm)/-
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
INSTALLATION PARAMETERS	
Dimensions (mm)	108 (Φ) x 90 (H)
Weight	0.45 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof aluminium, white
Power Supply	PoE, 12 VDC
Power Consumption	2 W, 4 W (IR on)
Operating Temperature	-30°C ~ 50°C