

KEY FEATURES

|  | VCA |
| :---: | :---: |
| 4K Harmi | H265 |
|  |  |
| Q $\times 1$ |  |
| M00 |  |
| - $4 \times$ PoE Ethernet ports <br> - $4 \times$ video and audio channels |  |
|  |  |
| - Recording speed upto 120 fps at $3840 \times 2160$ |  |
|  |  |
| -Recorded stream size: $40 \mathrm{Mb} / \mathrm{s}$ in total from all cameras |  |
| $\cdot 1 \times$ internal place for HDD mounting |  |
| monitor outputs (HDM 4 K U UltratD, VG |  |
| gent image analys |  |
| 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.

| VIDEO |  |
| :--- | :--- |
| IP Cameras | up to 4 channels at $3840 \times 2160$ resolution (video + audio) |
| Maximum Supported Camera <br> Resolution | $3840 \times 2160$ |
| Compression | H.264, H.265, H.265+, H.265 Smart |
| Monitor Output | main (split screen, full screen, sequence): $1 \times$ HDMI (4K UltraHD), 1 x <br> VGA (up to 2 monitors simultaneously) |
| Dualstreaming Support | yes |
| Fisheye Support | yes, 6000 IP series cameras • using any web browser, N-VID6, N <br> Control 6000 |

AUDIO
Audio Input/Output $1 \times$ line-in (RCA) $/ 1 \times$ line-out (RCA), $1 \times$ HDMI

RECORDING

| Stream Size | $40 \mathrm{Mb} / \mathrm{s}$ in total from all cameras |
| :--- | :--- |
| Recording Mode | continuous, triggered by: manual, alarm input, motion detection, <br> intelligent image analysis functions |
| Prealarm/Postalarm | up to 5 s/up to 600 s |
| DISPLAY | 120 fps (4 x 30 fps) |
| Display Speed | 120 fps (4 x 30 fps) |
| PLAYBACK | by date/time, events, image analysis events, POS, motion in a defined |
| Playback Speed | Recorded Data Search USB port (HDD or Flash memory), network <br> BACKUP MP4, AVI, DAT <br> Backup Methods available mount: $1 \times$ HDD 3.5" 10 TB SATA <br> STORAGE Format 10 TB <br> Internal Storage supports IP camera's alarm input/output <br> Total Internal Capacity supports camera's motion detection <br> Camera Alarm Input/Output  |

4-channel IP Recorder
NVR-6304P4-H1-II

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, <br> Zone entrance, Abandoned Object, Object Disappearance, Crowd <br> detection, Face Detection, People Counting, Perimeter Intrusion <br> Detection by pedestrian or vehicle, Line Cross Detection by <br> pedestrian or vehicle, Analysis of Recognized Number Plate Numbers <br> (LPR) |
| :--- | :--- |
| Database Capacity | 1000 license plates |
| NETWORK | 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 4 x Ethernet PoE <br> (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s |
| Network Interface | HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, <br> UPnP, SNMP, PPPoE, SMTP, P2P, POS, HTML5 |
| Network Protocols Support |  NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM <br> AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,  <br> PC/MAC Software Edge/Safari, N Control 6000 |
| Mobile applications | N-VID6 (iPhone, Android) |

Number of Simultaneous Connectionsup to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total
Bandwidth $\quad 40 \mathrm{Mb} / \mathrm{s}$ in total to all client workstations

PTZ
PTZ Functions pan/tilt/zoom, preset commands
AUXILIARY INTERFACES

| USB Ports | $2 \times$ USB 2.0, |
| :--- | :--- |
| OPERATING SYSTEM |  |
| Operating System | Linux |
| 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, ARP guard |

INSTALLATION PARAMETERS

| Dimensions (mm) | $300(\mathrm{~W}) \times 52(\mathrm{H}) \times 248(\mathrm{D})$ |
| :--- | :--- |
| Weight | 1.16 kg (without HDD) |
| Power Supply | $100 \sim 240 \mathrm{VAC}$ |
| Power Consumption | 20 W (with 1 HDD$)+40 \mathrm{~W} \mathrm{PoE}$ |
| Operating Temperature | $-10^{\circ} \mathrm{C} \sim 50^{\circ} \mathrm{C}$ |

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.
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.

