

4-channel IP Recorder

NVR-6304P4-H1-II





FUNCTIONS















248 mm





- •4 x PoE Ethernet ports •4 x video and audio channels
- •Recording speed up to 120 fps at 3840 x
- Supports resolution up to 3840 x 2160 Recorded stream size: 40 Mb/s in total from all cameras
- •1 x internal place for HDD mounting •2 x monitor outputs (HDMI 4K UltraHD, VGA) •Intelligent image analysis

DIMENSIONS



300 mm





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 x 2160 resolution (video + audio)
Maximum Supported Camera Resolution	3840 x 2160
Compression	H.264, H.265, H.265+, H.265 Smart
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	yes, 6000 IP series cameras using any web browser, N-VID6, N Control 6000
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	continuous, triggered by: manual, alarm input, motion detection, intelligent image analysis functions
Prealarm/Postalarm	up to 5 s/up to 600 s
Display	7,,
	120 fps (4 x 30 fps)
Display Speed	120 lps (4 X 30 lps)
Playback	
Playback Speed Recorded Data Search	120 fps (4 x 30 fps)
	by date/time, events, image analysis events, POS, motion in a defined area, tags
Backup	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	MP4, 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, alarm output activation, recording activation, PTZ, e-mail with atatchment, Full Screen, PUSH message, voice prompt, snapshot
	message, voice prompt, snapsnot
Intelligent image analysis	message, force prompt, snapsnee
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 pedestr
	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
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 pediestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Line Cross Detection by
Supported Functions Database Capacity	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 pediestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, Line Cross Detection by
Supported Functions Database Capacity Network	Excaption, 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, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4 x Ethernet - RI-45 interface, 10/100/1000 Mbit/s HTTP, TCPJP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPPOE, SMTP, P2P, POS, HTMLS
Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software	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, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet PoE (IEEE802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPv4V6, HTTPS, FTP, DHCP, DNS, DNNS, NTP, RTSP, UPaP, SNMP, PPPOE, SMTP, P2P, POS, HTMLS NOVUS MANAGEMENT SYSTEM VSR, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safan, N Control 6000
Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software Mobile applications	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object, Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4 x Ethernet PoE (IEEE80.2 afs, Class 3) - RI-45 interface, 10/100 Mbit/s HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DNN, NTP, RTSP, UPnP, SNMP, PPP0E, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control G000, Edge/Safari, N Control G000 N-VID6 (IPhone, Android)
Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections	Excaption, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Crowd detection, Feach Execution, People Counting, Perimeter intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1.000 license plates 1.x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4.x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4.x Ethernet PRE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPV-4V-6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPrP, SMMP, PPPoE, SMTP, P2P, POS, HTTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total
Supported Functions Database Capacity Network Network Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object, Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4 x Ethernet PoE (IEEE80.2 afs, Class 3) - RI-45 interface, 10/100 Mbit/s HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DNN, NTP, RTSP, UPnP, SNMP, PPP0E, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control G000, Edge/Safari, N Control G000 N-VID6 (IPhone, Android)
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Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions	Excaption, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Crowd detection, Feach Execution, People Counting, Perimeter intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1.000 license plates 1.x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4.x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4.x Ethernet PRE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPV-4V-6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPrP, SMMP, PPPoE, SMTP, P2P, POS, HTTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total
Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object. Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet PoE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DNN, NTP, RTSP, UPnP, SNMP, PPDE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000. Edge/Safari, N Control 6000 N-VID6 (IPhone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mbis in total to all client workstations
Supported Functions Database Capacity Network Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Poe (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, 1944/66, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPDE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations
Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system	Excaption, 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, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet PoE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIPI, IPV-4/N6, HTTPS, TTP, DHCP, DNS, DNS, DTP, RTSP, UPPP, SMMP, PPPDE, SMTP, P2P, POS, HTTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (IPhone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations pan/tilt/zoom, preset commands
Supported Functions Database Capacity Network Network Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbiz/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbiz/s 4 x Ethernet Poe (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbiz/s HTTP, TCPIP, IPV-4V6, HTTPS, FTP, DHCP, DNS, DNS, NTP, RTSP, UPnP, SNMP, PPDE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations 2 x USB 2.0 Linux
Supported Functions Database Capacity Network Network Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system OSD	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object, Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x Ethernet PoE (IEEE 802.3 af, Class
Supported Functions Database Capacity Network Network Interface Network Protocois Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System OSD Control	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object. Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Poef (IEEE80.2 afs, Class 3) - RI-45 interface, 10/100 Mbit/5 HTTP, TCPIP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DNN, NTP, RTSP, UPnP, SNMP, PPDE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (IPhone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux languages: Polish, English, others IR remote controller, PC mouse (in-set included), network
Supported Functions Database Capacity Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System OsD Control System Diagnostic	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Pot (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x THTP, TCPIP, PJ4406, HTTPS, FTP, DUFC, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPOE, SMTP, P2P, POS, HTML S NOVIUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux Linux Linux Linux Linux Linux Linux Linux Linux R remote controller, PC mouse (in-set included), network automatic control of: HDDs, network, camera connection loss
Supported Functions Database Capacity Network Network Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System OSD Control System Diagnostic Security	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object. Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1000 license plates 1 x Ethernet - RI-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Poef (IEEE80.2 af, Class 3) - RI-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPv4/v6, HTTPS, FTP, DLFO, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPPDE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (IPhone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux languages: Polish, English, others IR remote controller, PC mouse (in-set included), network
Supported Functions Database Capacity Network Network Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Operating System OSD Control System Diagnostic Security Installation parameters	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Pof (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPv4/6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPPOE, SMTP, P2P, POS, HTMLS NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safarl, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations 2 x USB 2.0 Linux languages: Polish, English, others IR remote controller, PC mouse (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard
Supported Functions Database Capacity Network Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System OSD Control System Diagnostic Security Installation parameters Dimensions (mm)	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Ahandoned Object. Object Disappearance, Crowd detection, Face Detection, People Counting, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR) 1x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4x Ethernet PoE (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DNN, NTP, RTSP, UPnP, SNMP, PPPoE, SMTP, P2P, POS, HTTMLS NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000. Edge/Safari, N Control 6000 N-VID6 (IPhone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux languages: Polish, English, others IR remote controller, PC mouse (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard 300 (W) x 52 (H) x 248 (D)
Supported Functions Database Capacity Network Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System Operating System Osc System Diagnostic Security Intestillation parameters Dimensions (mm) Weight	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Pot (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s 1 x THTP, TCPIP, PAH/66, HTTPS, FTP, DICP, DNS, DDNS, NTP, RTSP, UPPP, SMMP, PPOE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux Linux Linux Linux Linux Linux Linux Linux R remote controller, PC mouse (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard 300 (W) x 52 (H) x 248 (D) 1.16 kg (without HDD)
Supported Functions Database Capacity Network Network Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System Operating System OSD Control System Diagnostic Security Installation parameters Dimensions (mm) Weight Power Supply	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Pof (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, IPV4/6, HTTPS, FTP, DHCP, DNS, DNNS, NTP, RTSP, UPoP, SNMP, PPOE, SMTP, P2P, POS, HTTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux languages: Polish, English, others IR remote controller, PC mouse (in-set included), network automatic control of HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard 300 (W) x 52 (H) x 248 (D) 1.16 kg (without HDD) 100 – 240 VAC
Supported Functions Database Capacity Network Network Network Interface Network Protocols Support PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System Operating System System Diagnostic Security Intestallation parameters Dimensions (mm) Weight	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, License Plate Recognition (LPR) 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s 4 x Ethernet Poe (IEEE802.3af, Class 3) - RJ-45 interface, 10/100 Mbit/s HTTP, TCPIP, PAH/66, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, PPDE, SMTP, P2P, POS, HTML5 NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 N-VID6 (Phone, Android) up to 64 clients, up to 8 main streams or 16 substreams or 4 playback streams in total 40 Mb/s in total to all client workstations Linux Li

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.