NoVus

NOVUS MANAGEMENT SYSTEM VSS Client Station

NVSO VSS CLIENT 7-R-IV



FUNCTIONS













KEY FEATURES

- Monitoring of up to 90 channels
 Supports resolution up to 4000 x 3000
 Supports up to 6 monitors simultaneously
 Operating system: Microsoft Windows 11 Pro
- Recording and surveillance system: NOVUS
 MANAGEMENT SYSTEM VSS
- Compatible with NOVUS recorders

DIMENSIONS



427 mm



500 mm

Unit with the NOVUS MANAGEMENT SYSTEM VSS software installed adapted to 24/7 operation.

Video	
Maximum Supported Camera Resolution	4000 x 3000
Supported Codes	H.264, H.264+, H.265, H.265+, MJPEG
Supported Protocols	Novus, ONVIF, RTSP (purchase of the appropriate license is required)
Dualstreaming Support	yes
Display	,
Monitor Output	2 x HDMI 2.0b, 2 x Display Port 1.4, 2 x Dual link DVI-D, (up to 6 monitors simultaneously)
Maximum Resolution	6 x 4K UltraHD
Audio	
Audio input	1 x Line in (3,5mm), 1 x Mic in(3,5mm)
Audio Output	1 x Line output (3,5mm), 2 x HDMI, 2 x Display Port
Performance - H.264	
2MPX IP Camera	Display up to: 90 sub streams or 30 main streams Playback up to: 30 main streams
4MPX IP Camera	Display up to: 90 sub streams or 19 main streams Playback up to: 19 main streams
5MPX IP Camera	Display up to: 90 sub streams or 16 main streams Playback up to: 16 main streams
8MPX IP Camera	Display up to: 84 sub streams or 11 main streams Playback up to: 11 main streams
12MPX IP Camera	Display up to: 76 sub streams or 5 main streams Playback up to: 5 main streams
Performance - H.265	
2MPX IP Camera	Display up to: 84 sub streams or 27 main streams Playback up to: 27 main streams
4MPX IP Camera	Display up to: 84 sub streams or 16 main streams Playback up to: 16 main streams
5MPX IP Camera	Display up to: 84 sub streams or 15 main streams Playback up to: 15 main streams
8MPX IP Camera	Display up to: 75 sub streams or 7 main streams Playback up to: 7 main streams
12MPX IP Camera	Display up to: 64 sub streams or 4 main streams Playback up to: 4 main streams
Playback	
Recorded Data Search	by date/time, events, "Text-in"
Backup	
Backup Backup Methods	USB port (HDD or Flash memory), network
	USB port (HDD or Flash memory), network
Backup Methods	USB port (HDD or Flash memory), network bullt-in: 1 x SSD NVMe
Backup Methods Storage	
Backup Methods Storage Internal storage for system Network Network Interface	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s
Backup Methods Storage Internal storage for system Network	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs
Backup Methods Storage Internal storage for system Network Network interface Bandwidth Network Protocols Support	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mbis in total from all NVRs HTTP, TCP/RJ, IP-44/6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA,
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTMLS pan/tilk/zoom, preset commands, patterns, tours, auto-scans
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/tilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxillary Interfaces USB Ports Operating System Operating System	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IP-4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTMLS pan/kilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C Microsoft Windows 11 Pro
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Recording and Surveillance System	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCPiRI, IP-44v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/tilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System Operating System Operation Mode	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv-4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2, 2 x USB 2.0, Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Recording and Surveillance System Operating and Surveillance System Operating Mode OSD	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTMLS pan/till/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating and Surveillance System Operation Mode OSD Control	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP. IP-4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTMLS pan/kilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Recording and Surveillance System Operating and Surveillance System Operating Mode OSD	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCPIRI, IPv4vG, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/tilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2, Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard automatic control of: HDDs, network, camera connection loss
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Operating System Operation Mode OSD Control System Diagnostic	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP. IP-4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTMLS pan/kilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating Mode OSD Control System Diagnostic Security	built-in: 1 x SSD NVMe 1 x Ethernet - RJ-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCPIRI, IPv4vG, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/tilt/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2, Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard automatic control of: HDDs, network, camera connection loss
Backup Methods Storage Internal storage for system Network Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System Operating and Surveillance System Operation and Surveillance System Operation Mode OSD Control System Diagnostic System Diagnostic Security Installation parameters	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRS HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/till/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2 Type-C Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard automatic control of: HDDs, network, camera connection loss password protection, IP filtering, limiting the number of connections
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Operating and Surveillance System Operating and Surveillance System Operating Mode OSD Control System Diagnostic Security Installation parameters Dimensions (mm)	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRS HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/till/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2, 2 x USB 2.0, Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard automatic control of: HDDs, network, camera connection loss password protection, IP filtering, limiting the number of connections 427 (W) x 177 (H) x 500 (D) 4U 20 kg
Backup Methods Storage Internal storage for system Network Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System Recording and Surveillance System Operation Mode OSD Control System Diagnostic Security Installation parameters Dimensions (mm) RACK Mount 19" Weight Power Supply/Power Consumption	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRs HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTMLS pan/till/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2, 2 x USB 2.0, Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard automatic control of: HDDs, network, camera connection loss password protection, IP filtering, limiting the number of connections 427 (W) x 177 (H) x 500 (D) 4U 20 kg built-in PSU 230 VAC/700 W
Backup Methods Storage Internal storage for system Network Network Interface Bandwidth Network Protocols Support PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Operating System Operating System Operating System Control System Recording and Surveillance System Operation Mode OSD Control System Diagnostic Security Installation parameters Dimensions (mm) RACK Mount 19" Weight	built-in: 1 x SSD NVMe 1 x Ethernet - Rj-45 interface, 10/100/1000/2500 Mbit/s 500 Mb/s in total from all NVRS HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, SMTP, SAMBA, HTML5 pan/till/zoom, preset commands, patterns, tours, auto-scans 5 x USB 3.2, 2 x USB 2.0, 1 x USB 3.2, 2 x USB 2.0, Microsoft Windows 11 Pro NOVUS MANAGEMENT SYSTEM VSS triplex languages: Polish, English, others PC mouse and keyboard (in-set included), NV-KBD/ACVSS keyboard automatic control of: HDDs, network, camera connection loss password protection, IP filtering, limiting the number of connections 427 (W) x 177 (H) x 500 (D) 4U 20 kg

Note: The device requires registration and license activation. There is an option to activate a 60-day trial license. After this period, the purchase of a NOVUS MANAGEMENT SYSTEM VSS software license specific to the application is required. To choose the appropriate license, please contact the sales department. Data presented in table above for substreams are given for 640x480 resolution.