

NVSO IP Recorder

Video

NVSO 5-T-III

FUNCTIONS



KEY FEATURES

•Video and audio channels: 150

•Recording speed up to 3750 fps at 1920 x 1080

• Supports resolution up to 4000 x 3000 • Recorded stream size: 350 Mb/s in total from all cameras

 from all cameras
 44

 •Supports up to 3 monitors simultaneously
 •optional disk mounting: 6 x SATA 3,5"

 •Operating system: Microsoft Windows 10 Pro

 •Recording and surveillance system: NMS (Novus Management System)

 •Compatible with all NOVUS IP cameras

DIMENSIONS



160 mm 428 mm

	IP Camera Recording	120 channels at 1920x1080 (video+audio) using H.264 c 150 channels at 1920x1080 (video+audio) using H.265 c
	Maximum Supported Camera Resolution	4000x3000
	Supported Codes	H.264, H.264+, H.265, H.265+, MJPEG
	Supported Cameras and Protocols	Novus, Novus fisheye, ONVIF, ONVIF fisheye, RTSP, RTSP
	Dualstreaming Support	yes
	Display	
	Monitor Output	1 x HDMI 2.0b, 1 x Display Port 1.4, 1 x Dual link DVI-D (u
	Maximum Resolution	3 x 4K UltraHD
	Audio	
	Audio input	1 x Line in (3,5mm), 1 x Mic in(3,5mm)
	Audio Output	1 x Line (3,5mm), 1 x HDMI, 1 x Display Port
	Audio Input/Output in Cameras	Supports audio input/output build in cameras
	Performance - H.264	
	2MPX IP Camera	Recording up to: 120 main streams (while displaying: 8 s Display up to: 50 sub streams or 12 main streams (while Playback up to: 12 main streams (while recording: 50 ma
	4MPX IP Camera	Recording up to: 70 main streams (while displaying: 8 su Display up to: 45 sub streams or 8 main streams (while n Playback up to: 8 main streams (while recording: 45 main
2	SMPX IP Camera	Recording up to: 60 main streams (while displaying: 8 su Display up to: 45 sub streams or 6 main streams (while n Playback up to: 6 main streams (while recording: 45 main
	8MPX IP Camera	Recording up to: 40 main streams (while displaying: 8 su Display up to: 40 sub streams or 4 main streams (while r Playback up to: 4 main streams (while recording: 40 mair
	12MPX IP Camera	Recording up to: 35 main streams (while displaying: 8 su Display up to: 35 sub streams or 4 main streams (while r Playback up to: 4 main streams (while recording: 35 main
	Performance - H.265	hayback up to: 4 main screams (while recording, 55 main
		Recording up to: 150 main streams (while displaying: 8 s
	2MPX IP Camera	Display up to: 30 sub streams or 8 main streams (while n Playback up to: 8 main streams (while recording: 30 main Recording up to: 100 main streams (while displaying: 8 s
	4MPX IP Camera	Display up to: 30 sub streams or 4 main streams (while n Playback up to: 4 main streams (while recording: 30 main
5	5MPX IP Camera	Recording up to: 80 main streams (while displaying: 8 su Display up to: 35 sub streams or 4 main streams (while r Playback up to: 4 main streams (while recording: 35 main
	8MPX IP Camera	Recording up to: 75 main streams (while displaying: 8 su Display up to: 35 sub streams or 2 main streams (while r Playback up to: 2 main streams (while recording: 35 mair
		Recording up to: 56 main streams (while displaying: 8 su
	12MPX IP Camera	Display up to: 20 sub streams or 2 main streams (while n Playback up to: 2 main streams (while recording: 20 main
	12MPX IP Camera Recording	Display up to: 20 sub streams or 2 main streams (while n
		Display up to: 20 sub streams or 2 main streams (while n
	Recording	Display up to: 20 sub streams or 2 main streams (while n Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm individual settings for: each camera, each day of the wee
	Recording Recording Mode Schedule	Display up to: 20 sub streams or 2 main streams (while r Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individua
	Recording Recording Mode Schedule Prealarm/Postalarm	Display up to: 20 sub streams or 2 main streams (while n Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm individual settings for: each camera, each day of the wee
	Recording Recording Mode Schedule Prealarm/Postalarm Playback	Display up to: 20 sub streams or 2 main streams (while n Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individua Up to: 30s / Up to: 600s
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search	Display up to: 20 sub streams or 2 main streams (while r Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individua
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup	Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (while recording: 20 main streams) (while recording: 20 main individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individual up to: 30s / Up to: 600s By Date/Time, Events, "Text-in"
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Backup Methods	Display up to: 20 sub streams or 2 main streams (while n Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individue Up to: 30s / Up to: 600s By Date/Time, Events, "Text-in" USB port (HDD lor Flash drive), Network
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Backup Methods Backup File Format	Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (while recording: 20 main streams) (while recording: 20 main individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individual up to: 30s / Up to: 600s By Date/Time, Events, "Text-in"
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	Recording Recording Mode Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Backup Retods Backup File Format HDD Internal storage for system	Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (whi
	Recording Recording Mode Recording Mode Schedule Prealarm/Postalarm Playback Recordel Data Search Backup Methods Backup File Format HDD Internal storage for system Internal Storage for Recording	Display up to: 20 sub streams or 2 main streams (while r Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by ala temerature alarm Individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individua Up to: 30s / Up to: 600s By Date/Time, Events, "Text-in" USB port (HDD for Flash drive), Network JPEG, BMP, AVI, NMS
	Recording Recording Mode Recording Mode Schedule Prealarm Payback Recorded Data Search Backup Methods Backup File Format HDD Internal Storage for system Internal Storage for Recording Alarms	Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (while recording: 20 main streams) (while recording: 20 main streams) (while recording: 20 main individual settings for: each camera, each day of the wean accuracy of: 15 min, possibility of combining individual Up to: 30 s / Up to: 600 s By Date/Time, Events, "Text-in" USB port (HDD lor Flash drive), Network JPEG, BMP, AVI, NMS 1 x SSD NVMe 6 available bays for 3,5" HDD surveillance grade storage
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Backup File Format HDD Internal Storage for system Internal Storage for Recording Aarm Aarm Input/output in cameras	Display up to: 20 sub streams or 2 main streams (while recording: 20 main Playback up to: 2 main streams (while recording: 20 main Continuous, Schedule, Panic, Triggered: manually, by als temerature alarm Individual settings for: asch camera, asch day of the wee an accuracy of: 15 min, possibility of combining individua Up to: 30s / Up to: 6005 By Date/Time, Events, "Text-in" USB port (HDD lor Flash drive), Network JPEG, BMP, AVI, NMS 1 x SSD NVMe 6 available bays for 3,5" HDD surveillance grade storage support of alarm input and output built in cameras
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	Recording Recording Mode Recording Mode Schedule Prealarm/Postalarm Payback Recordel Data Search Backup Methods Backup File Format HDD Internal storage for system Internal storage for Recording Alarm Input/output in cameras Motion detection Video Analytics	Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (whi
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Attention Backup Methods Backup File Format HDD Internal Storage for system Internal Storage for Recording Alarm Input/butput in cameras Motion detection Video Analytis Temperature alarm	 Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (while recording: 20 main stre
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	Recording Mode Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Pile Format Backup File Format HDD Internal Storage for Recording Alarm Input/output in cameras Motion detection Video Analytics Temperature alarm Licence plate recognition (LPR)	Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams (while recording: 20 main streams) (while recording individual up to: 30 s / Up to: 600 s and the stream streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 30 s / Up to: 600 s and the streams) (while recording individual up to: 40 s and 50 s and
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	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recorded Data Search Backup Kethods Backup File Format HDD Internal Storage for Recording Marres Alarm Input/totput in cameras Motion detection Video Analytics Temperature alarm Licence plate recognition (LPR) System Reactions to Jam Events Network Interface Network Protocols Support Comparable Mobile Applications FIZ	 Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams) (while record and streams) (while str
	Recording Recording Mode Schedule Prealarm/Postalarm Payback Recorded Data Search Backup Backup Methods Backup File Format HDD Internal Storage for system Internal Storage for Recording Aarm Input/output in cameras Motion detection Video Analytics Temperature alarm Licence plate recognition (LPR) System Reactions to Alarm Events Network Infrace Network Throughput Network Throughput Network Throughput Network Infrace Part Unctions	 Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams) (while record and streams) (while str
	Recording Recording Mode Schedule Prealarm/Postalarm Payback Recorded Data Search Backup Backup Methods Backup File Format HDD Internal Storage for system Internal Storage for Recording Aarm Alarm Input/output in cameras Motion detection Video Analytics Temperature alarm Licence plate recognition (LPR) System Reactions to Alarm Events Network Interface Network Interface Network Protocols Support Compatible Mobile Applications PTZ PTZ Functions	Display up to: 20 sub streams or 2 main streams (while recording: 20 main Revealed up to: 2 main streams (while recording: 20 main continuous, Schedule, Panic, Triggered; manually, by ala temerature alam individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individual Up to: 30s / Up to: 600s By Date/Time, Events, "Text-in" USB port (HDD for Flash drive), Network JPEG, BMP, AVI, NMS 1 x SSD NVMe 6 available bays for 3,5" HDD surveillance grade storage support of alarm input and output built in cameras support of motion detection built in cameras support of elected image analysis functions available in e-mail, Screen Message, Recording Activation, PTZ 1 x Ethernet - RJ45 interface, 10/100/1000/2500 Mbit/s up to 350Mbit/s form all cameras, up to 350Mbit/s form
	Recording Recording Mode Schedule Prealarm/Postalarm Playback Recording Data Search Backup Backup Methods Backup File Format HDD Internal storage for system Internal storage for system Internal storage for Recording Alarm Input/output in cameras Motion detection Video Analytics Temperature alarn Leicnec pater recogninin (LPR) System Reactions to Alarn Events Network Network Protocols Support Compatibue Mobile Applications PTZ PTZ Functions Additional Interfaces USP Ports	Display up to: 20 sub streams or 2 main streams (while recording: 20 main Revealed up to: 2 main streams (while recording: 20 main continuous, Schedule, Panic, Triggered; manually, by ala temerature alam individual settings for: each camera, each day of the wee an accuracy of: 15 min, possibility of combining individual Up to: 30s / Up to: 600s By Date/Time, Events, "Text-in" USB port (HDD for Flash drive), Network JPEG, BMP, AVI, NMS 1 x SSD NVMe 6 available bays for 3,5" HDD surveillance grade storage support of alarm input and output built in cameras support of motion detection built in cameras support of elected image analysis functions available in e-mail, Screen Message, Recording Activation, PTZ 1 x Ethernet - RJ45 interface, 10/100/1000/2500 Mbit/s up to 350Mbit/s form all cameras, up to 350Mbit/s form
	Recording Recording Mode Schedule Prealarm/Postalarm Payback Recorded Data Search Backup Backup Kethods Backup File Format HDD Internal Storage for system Internal Storage for Recording Aarm Input/output in cameras Motion detection Video Analytics Temperature alarm Licence plate recognition (LPR) System Reactions to Alam Events Network Infrace Compatible Mobile Applications Patework Proughput Compatible Mobile Applications Patro P/Z P/Z P/Z P/Z Functions Additional Interfaces USB ports Operating System Recording and Surveillance System	 Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams) (while recording individual up to: 30s / Up to: 600s By Date/Time, Events, "Text-in" USB port (HDD for Flash drive), Network JPEG, BMP, AVI, NMS 1 x SSD NVMe 6 available bays for 3,5" HDD surveillance grade storage support of main input and output built in cameras support of motion detection built in cameras support of temperature alarm built in cameras support of selected image analysis functions available in e-mail, Screen Message, Recording Activation, PTZ x Ethernet - R/45 interface, 10/100/1000/2500 MbHz up to 350MbHz for an all cameras, up to 350MbHz for and lcameras, up to 350MbHz for all cameras, up to 350
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120 channels at 1920x1080 (video+audio) using H.264 codec
150 channels at 1920x1080 (video+audio) using H.265 codec 4000x3000
H.264, H.264+, H.265, H.265+, MJPEG
Novus, Novus fisheye, ONVIF, ONVIF fisheye, RTSP, RTSP fisheye
yes
1 x HDMI 2.0b, 1 x Display Port 1.4, 1 x Dual link DVI-D (up to 3 monitors simultaneously)
3 x 4K UltraHD
1 x Line in (3,5mm), 1 x Mic in(3,5mm)
1 x Line (3,5mm), 1 x HDMI, 1 x Display Port Supports audio input/output build in cameras
Supports audio input/output build in cameras
Recording up to: 120 main streams (while displaying: 8 sub streams) Display up to: 50 sub streams or 12 main streams (while recording: 50 main streams)
Playback up to: 12 main streams (while recording: 50 main streams) Recording up to: 70 main streams (while displaying: 8 sub streams)
Display up to: 45 sub streams or 8 main streams (while recording: 45 main streams) Playback up to: 8 main streams (while recording: 45 main streams)
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Recording up to: 40 main streams (while displaying: 8 sub streams) Display up to: 40 ous btreams or 4 main streams (while recording: 40 main streams) Playback up to: 4 main streams (while recording: 40 main streams)
Recording up to: 35 main streams (while displaying: 8 sub streams) Display up to: 35 sub streams or 4 main streams (while recording: 35 main streams) Playback up to: 4 main streams (while recording: 35 main streams)
Recording up to: 150 main streams (while displaying: 8 sub streams) Display up to: 30 sub streams or 8 main streams (while recording: 30 main streams) Playback up to: 6 main streams (while recording: 30 main streams)
Recording up to: 100 main streams (while displaying: 8 sub streams) Display up to: 30 sub streams or 4 main streams (while recording: 30 main streams) Playback up to: 4 main streams (while recording: 30 main streams)
Recording up to: 80 main streams (while displaying: 8 sub streams) Display up to: 35 sub streams or 4 main streams (while recording: 35 main streams) Playback up to: 4 main streams (while recording: 35 main streams)
Recording up to: 75 main streams (while displaying: 8 sub streams) Display up to: 35 sub streams or 2 main streams (while recording: 35 main streams) Playback up to: 2 main streams (while recording: 35 main streams)
Recording up to: 56 main streams (while displaying: 8 sub streams) Display up to: 20 sub streams or 2 main streams (while recording: 20 main streams) Playback up to: 2 main streams (while recording: 20 main streams)
Continuous, Schedule, Panic, Triggered: manually, by alaram input, motion detection, video analysis, POS, temerature alarm
individual settings for: each camera, each day of the week, specific days (holidays etc.), configuration with an accuracy of: 15 min, possibility of combining individual recording modes
Up to: 30s / Up to: 600s
By Date/Time, Events, "Text-in"
USB port (HDD lor Flash drive), Network
JPEG, BMP, AVI, NMS
1 x SSD NVMe
6 available bays for 3,5" HDD surveillance grade storage media
support of alarm input and output built in cameras
support of motion detection built in cameras
supported built in analytics in camera
support of temperature alarm built in cameras
support of selected image analysis functions available in the camera
e-mail, Screen Message, Recording Activation, PTZ
1 x Ethernet - RJ45 interface, 10/100/1000/2500 Mbit/s
up to 350Mbit/s from all cameras,
up to 350Mbit/s to all client stations, Max network throughput: 350Mbit/s for each network card
HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DNS, DDNS, NTP, RTSP, SAMBA
NMS Mobile
nan tilt zoom preset commands patterns tours auto-scape focus ide
pan, tilt, zoom, preset commands, patterns, tours, auto-scans, focus, iris
4 x USB 3.2
Microsoft Windows 10 Pro
NMS (Novus Management System)

OSD	Polish, English, Russian, others	
Control	PC mouse and keyboard (in-set included), DCZ keyboard	
System Diagnostic	automatic control of: HDDs, Temperature, Fan, Network, Camera connection loss	
Security	Password protection, IP filtering, MAC filtering, Limiting the number of connections	
Integration		
Integrated Devices	Novus IP Cameras, Novus IP Recorders, Novus AHD Recorders, NMS-ANPR Software, DSC Systems, POS Systems (Posnet, Upos and other), ONVIF Devices, RTSP Devices	
Installation Parameters		
Dimensions (mm)	160 (W) x 428 (H) x 410 (D)	
Weight	10 kg (without HDDs for recording)	
Power Supply	built in 700W, with 230VAC input	
Power consumption/heatprint	260W/210W (without HDD for recording)	
Operating Temperature	5°C ~ 35°C	

Attention: To support more than 1 RTSP stream and 1 ONVIF stream you will need special licence key.