

# NMS IP Recorder



### **KEY FEATURES**



RACK Mount 19"

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

•Operating system: Microsoft Windows 10 IoT •Recording and surveillance system: NMS (Novus

Management System)

•Compatible with all NOVUS IP cameras

#### DIMENSIONS



RACK Mount 19"	40
VIDEO	
IP Camera Recording	120 channels at 1920x1080 (video+audio) using H.264 codec • 150 channels at 1920x1080 (video+audio) using H.265 codec
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 fisheye
Dualstreaming Support	yes
DISPLAY	
Monitor Output	1 x HDMI 2.0b, 1 x Display Port 1.4, 1 x Dual link DVI-D (up to 3 monitors simultaneously)
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 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)
4MPX IP Camera	Recording up to: 70 main streams (while displaying: 8 sub streams) • Display up to: 45 sub streams or 9 main streams (while recording: 45 main streams) • Playback up to: 8 main streams (while recording: 45 main streams)
5MPX IP Camera	Recording up to: 60 main streams (while displaying: 8 sub streams) • Display up to: 45 sub streams or 6 main streams (while recording: 45 main streams) • Playback up to: 6 main streams (while recording: 45 main streams)
8MPX IP Camera	Recording up to: 40 main streams (while displaying: 8 sub streams) • Display up to: 40 sub streams or 4 main streams (while recording: 4 main streams) • Playback up to: 4 main streams (while recording: 40 main streams)
12MPX IP Camera	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)
PERFORMANCE - H.265	

4U

### **VANT**



### NMS IP Recorder NMS NVR 5-4U-III

2MPX IP Camera	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: 8 main streams (while recording 30 main streams)
4MPX IP Camera	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)
5MPX IP Camera	Recording up to: 80 main streams (while displaying: 8 sub streams) Display up to: 35 sub streams or 4 main streams (while recording: 3 main streams) • Playback up to: 4 main streams (while recording: 3 main streams)
8MPX IP Camera	Recording up to: 75 main streams (while displaying: 8 sub streams) Display up to: 35 sub streams or 2 main streams (while recording: 3 main streams) • Playback up to: 2 main streams (while recording: 3 main streams)
12MPX IP Camera	Recording up to: 56 main streams (while displaying: 8 sub streams) Display up to: 20 sub streams or 2 main streams (while recording: 2 main streams) • Playback up to: 2 main streams (while recording: 2 main streams)
RECORDING	
Recording Mode	Continuous, Schedule, Panic, Triggered: manually, by alaram input, motion detection, video analysis, POS, temerature alarm
Schedule	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
Prealarm/Postalarm	Up to: 30s / Up to: 600s
PLAYBACK	
Recorded Data Search	By Date/Time, Events, "Text-in"
BACKUP	
Backup Methods	USB port (HDD lor Flash drive), Network
Backup File Format	IPEG, BMP, AVI, NMS
HDD	1. CCD NV/4
Internal storage for system	1 x SSD NVMe
Internal Storage for Recording	6 available bays for 3,5" HDD surveillance grade storage media
ALARMS	
Alarm Input/output in cameras	support of alarm input and output built in cameras
Motion detection	support of motion detection built in cameras
Video Analytics	supported built in analytics in camera
Temperature alarm	support of temperature alarm built in cameras
Licence plate recognition (LPR)	support of selected image analysis functions available in the camera
NETWORK	
Network Interface	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
Network Throughput	stations • Max network throughput: 350Mbit/s for each network card
Network Throughput Network Protocols Support	





## NMS IP Recorder NMS NVR 5-4U-III

PTZ Functions pan, tilt, zoom, preset commands, patterns, tours, auto-scans, focus, iris **ADDITIONAL INTERFACES** USB Ports 4 x USB 3.2, **OPERATING SYSTEM Operating System** Microsoft Windows 10 IoT Recording and Surveillance System NMS (Novus Management System) Additional Software Internet Explorer **Operation Mode** Pentaplex 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** 427 (W) x 177 (H) x 500 (D) Dimensions (mm) Weight 20 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 RACK Mount 19" 4U

Attention:

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

