

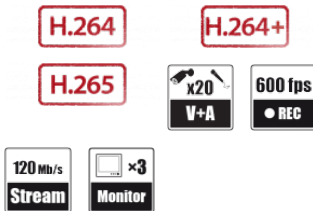


# NMS IP Recorder

## NMS NVR 3-T



### FUNCTIONS



### SOFTWARE



### KEY FEATURES

- Video and audio channels: 20
- Recording speed up to 600 fps at 1280 x 720
- Supports resolution up to 4000 x 3000
- Recorded stream size: 120 Mb/s in total from all cameras
- Supports up to 3 monitors simultaneously
- optional disk mounting: 4 x S-ATA 3,5"
- Operating system: Microsoft Windows 10
- Recording and surveillance system: NMS (Novus Management System)
- Compatible with all NOVUS IP cameras

### DIMENSIONS



<b>Video</b>	
IP Cameras	20 channels at 1280 x 720 resolution (video + audio)
Supported Cameras/Protocols	NOVUS, RTSP
Supported Resolution	max. 4000 x 3000
Compression	H.264, MJPEG, H.264+, H.265
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI, 1 x Display Port, 1 x DVI-D (up to 3 monitors simultaneously)*
Dualstreaming Support	yes
<b>Audio</b>	
Audio Output	1 x line-out (jack 3.5 mm) 1 x HDMI 1 x S/PDIF (optical)
<b>Recording</b>	
Recording Speed	600 fps (20 x 30 fps for 1280 x 720), 480 fps (16 x 30 fps for 1920 x 1080), 240 fps (16 x 15 fps for 2048 x 1536), 192 fps (16 x 12 fps for 2560 x 1440), 120 kI/s (8 x 15 kI/s for 3072 x 2048)
Stream Size	120 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: manual, alarm input, motion detection
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 30 s/up to 600 s
<b>Display</b>	
Display Speed	600 fps (20 x 30 fps when recording 20 channels at 1280 x 720)**, 240 fps (8 x 30 fps when recording 16 channels at 1920 x 1080)**, 120 fps (8 x 15 fps when recording 16 channels at 2048 x 1536)**, 96 fps (8 x 12 fps when recording 16 channels at 2592 x 1944)**, 120 kI/s (8 x 15 kI/s przy nagrywanych 13 kanałach w rozdzielczości 2592 x 1944)**
<b>Playback</b>	
Playback Speed	270 fps (9 x 30 fps for 1280 x 720), 240 fps (8 x 30 fps for 1920 x 1080), 90 fps (6 x 15 fps for 2048 x 1536), 48 fps (4 x 12 fps for 2560 x 1440), 60 fps (4 x 15 fps for 3072 x 2048)
Recorded Data Search	by date/time, events, "Text-in"
<b>Backup</b>	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	AVI, NMS
<b>Storage</b>	
Internal storage for recording	available mount: 4 x HDD 3.5" 24/7 grade for recording****
Internal storage for system	built-in: 1 x HDD 3.5" SATA
<b>Alarm</b>	
Camera Alarm Input/Output	supports camera's alarm input/output ***
Motion Detection	supports camera's motion detection***
System Reaction to Alarm Events	buzzer, e-mail, SMS, screen message, recording activation, PTZ
<b>Network</b>	
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, UDP, FTP, DHCP, DNS, NTP, RTSP, UPnP, SMTP
PC/MAC Software	NMS, Internet Explorer/-
Smartphone Software	NMS Mobile
Bandwidth	120 Mb/s in total to all client workstations
<b>PTZ</b>	
PTZ Functions	pan/tilt/zoom, preset commands, patterns, tours, auto-scans***
<b>Auxiliary Interfaces</b>	
USB Ports	2 x USB 2.0, 6 x USB 3.0
<b>Operating system</b>	
Operating System	Microsoft Windows 10
Recording and Surveillance System	NMS (Novus Management System)
Operation Mode	pentaplex
OSD	languages: Polish, English, Russian, others
Control	PC mouse and keyboard (in-set included), network
System Diagnostic	automatic control of: HDDs, network, camera connection loss
Security	password protection, IP filtering, limiting the number of connections
<b>Installation parameters</b>	
Dimensions (mm)	180 (W) x 425 (H) x 470 (D)
Weight	9 kg (without HDDs)
Power Supply/Power Consumption	built-in PSU 230 VAC/700 W
Power consumption and heatprint.	Power consumption 350W, heatprint 280W.
Operating Temperature	5°C ~ 35°C

\* To support more than two monitors it is required to use Display Port output.

\*\* Available with dual streaming mode.

\*\*\* Function capability depends on used devices and communication protocols.

\*\*\*\* List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.