# NOVUS

# **NMS IP Recorder**

NMS NVR X-2U-III-168TB



#### PRO SERIES

## FUNCTIONS















- •Video and audio channels: 200
- •Supports resolution up to 4000 x 3000 •Recorded stream size: 450 Mb/s in total from all cameras
- •Supports up to 3 monitors simultaneously •Built-in HDDs: 12 x 14 TB server-dedicated
- SAS for 24/7 recording
  •RAID controller protects recordings
- •External arrays support
- Operating system: Microsoft Windows 10 IoT
   Recording and surveillance system: NMS
- (Novus Management System)
  •Compatible with all NOVUS IP cameras
- •Redundant PSUs: 2

### DIMENSIONS





HDD Internal storage for system

Alarms

Video Analytics

Temperature alarm

Network Throughput Network Protocols Support

PTZ PTZ Functions

Internal Storage for Recording RAID Redundancy

Alarm Input/output in cameras

Licence plate recognition (LPR)

Compatible Mobile Applications

Additional interfaces USB Ports

Operating System

Operating System Additional Software

Operation Mode

Figure   Parcording   150 reservoirs   2500-1000 (video + audio) using H-264 code:   200 reservoirs   2500-1000 (video + audio) using H-264 code:   200 reservoirs   2500-1000 (video + audio) using H-264 code:   200 reservoirs   200 reservoirs   2500-1000 (video + audio) using H-264 code:   200 reservoirs   200 reservoirs   2500-1000 (video + audio) using H-264 code:   200 reservoirs   200 res	RACK Mount 19"	2U
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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 Backup Backup Backup Methods USB port (HDD for Flash drive), Network	12MPX IP Carnera	Display up to: 8 sub streams or 4 main streams (while recording: 90 main streams)
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 Backup Backup Methods USB port (HDD for Flash drive), Network	Recording	
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", Image Analysis Events  Backup  Backup Methods  USB port (HDD for Flash drive), Network	Recording Mode	
Playback       Recorded Data Search     By Date/Time, Events, "Text-in", Image Analysis Events       Backup       Backup Methods     USB port (HDD for Flash drive), Network	Schedule	
Recorded Data Search  By Date/Time, Events, "Text-in", Image Analysis Events  Backup  Backup Methods  USB port (HDD for Flash drive), Network	Prealarm/Postalarm	Up to: 30s / Up to: 600s
Backup Backup Methods USB port (HDD Ior Flash drive), Network	Playback	
Backup Methods USB port (HDD lor Flash drive), Network	Recorded Data Search	By Date/Time, Events, "Text-in", Image Analysis Events
·	Backup	
Backup File Format JPEG, BMP, AVI, NMS	Backup Methods	USB port (HDD lor Flash drive), Network
	Backup File Format	JPEG, BMP, AVI, NMS

12 x 14TB SAS 3,5" surviliance grade server storage media

support of selected image analysis functions available in the camera

pan, tilt, zoom, preset commands, patterns, tours, auto-scans, focus, iris

HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DNS, DDNS, NTP, RTSP, SAMBA

up to 450Mbit/s from all cameras, up to 450Mbit/s to all client stations, Max network throughput: 450Mbit/s for each network card

4 x USB 2.0, 4 x USB 3.2, 1 x USB 3.2 Type-C 2 x USB 2.0,

RAID types: RAID 0, RAID 1, RAID 5, RAID 6

supported built in analytics in camera

NMS Mobile

Microsoft Windows 10 IoT

NMS, Internet Explorer

Pentaplex

support of temperature alarm built in cameras

support of alarm input and output built in cameras

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)	437 (W) x 89 (H) x 648 (D)
Weight	24 kg (with HDDs)
Power Supply	built in 2 x redundant power supply 230VAC input with 960W power each
Power consumption/heatprint	490W/400W (without HDD for recording)
Operating Temperature	5°C ~ 35°C
DACK Married 1011	211

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