NMS IP Recorder

NMS NVR X-2U/96/R - PRODUKT ARCHIWALNY



PRO SERIES

FUNCTIONS

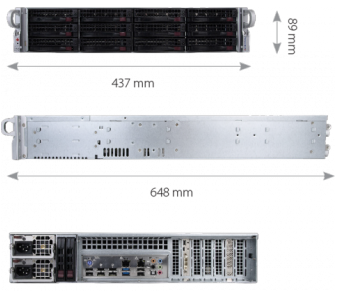
H.264+ H.265

×12 HDD | 250 Mb/s Stream | 3300 fps ● REC | x110 V+A | ×3 Monitor

KEY FEATURES

- Video and audio channels: 110
- Recording speed up to 3300 fps at 1280 x 720
- Supports resolution up to 4000 x 3000
- Recorded stream size: 250 Mb/s in total from all cameras
- Supports up to 2 monitors simultaneously
- Built-in HDDs: 12 x 8 TB server-dedicated SAS for 24/7 recording
- RAID controller protects recordings
- External arrays support
- Operating system: Microsoft Windows 10 IoT
- Compatible with all NOVUS IP cameras
- Redundant PSUs: 2
- Integration with:recorders AHD NOVUS, systems of SSWiN DSC, systems of NMS ANPR, systems POS (Posnet, Upos i inne)
- A platform supporting the reading of license plates from 1 camera video and recording the analyzed image

DIMENSIONS



Video	
Supported Cameras/Protocols	NOVUS, ONVIF, RTSP*****
Maximum Supported Camera Resolution	4000 x 3000
Compression	H.264, MJPEG, H.264+, H.265
Monitor Output	main (split screen, full screen, sequence): 1 x DVI, 1 x Display Port (up to 2 monitors simultaneously)
Dualstreaming Support	yes
Audio	
Audio Input/Output	- / 1 x line-out (Jack 3.5 mm), 1 x S/PDIF (optical)
Recording	
Recording Speed	3300 fps (110 x 30 fps for 1280 x 720), 2400 fps (80 x 30 fps for 1920 x 1080), 1200 fps (80 x 15 fps for 2048 x 1536), 960 fps (80 x 12 fps for 2560 x 1440)
Stream Size	250 Mb/s in total from all cameras
Recording Mode	continuous, triggered by: manual, alarm input, motion detection, “Text-in” from POS, ATM, AC etc.
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
Display	
Display Speed	1080 fps (36 x 30 fps when recording 110 channels at 1280 x 720)**, 1350 fps (45 x 30 fps when recording 80 channels at 1920 x 1080)**, 900 fps (60 x 15 fps when recording 80 channels at 2048 x 1536)**, 720 fps (60 x 12 fps when recording 80 channels at 2592 x 1944)**
Playback	
Playback Speed	480 fps (16 x 30 fps for 1280 x 720), 270 fps (9 x 30 fps for 1920 x 1080), 135 fps (9 x 15 fps for 2048 x 1536), 108 fps (9 x 12 fps for 2560 x 1440)
Recorded Data Search	by date/time, events, “Text-in”
Backup	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	JPG, BMP, AVI, NMS
Storage	
Internal Storage	built-in: 12 x HDD 3.5” 8 TB SAS 24/7 server grade for recording
Internal storage for system	built-in: 1 x HDD 2,5” SATA
RAID Redundancy	RAID 0, RAID 1, RAID 5, RAID 6
Alarm	
Camera Alarm Input/Output	supports IP 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
Network	
Network Interface	2 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, FTP, DHCP, DNS, NTP, RTSP, UPnP, SMTP
PC/MAC Software	NMS, Internet Explorer/-
Bandwidth	250 Mb/s in total to all client workstations
PTZ	
PTZ Functions	pan/tilt/zoom, preset commands, patterns, tours, auto-scans***
Auxiliary Interfaces	
USB Ports	6 x USB 3.0
Operating system	
Operating System	Microsoft Windows 10 IoT
Operation Mode	pentaplex
OSD	languages: Polish, English, Russian, others
Control	PC mouse and keyboard (in-set included), network, DCZ keyboard
System Diagnostic	automatic control of: HDDs, network, camera connection loss
Security	password protection, IP filtering, limiting the number of connections
Integration	
Integration	integration with: AHD NOVUS recorders, DSC systems, NMS ANPR systems, POS systems
Installation parameters	
Dimensions (mm)	437 (W) x 89 (H) x 648 (D)
Weight	24 kg
Power Supply/Power Consumption	built-in 2 redundant PSUs 230 VAC/920 W (Platinum Level (94%+))
Power consumption and heatprint.	Power consumption 560W, heatprint 450W.
Operating Temperature	10°C ~ 35°C
RACK Mount 19"	2U

*** Available with dual streaming mode.*
**** Function capability depends on used devices and communication protocols.*
****** To support more than 1 RTSP stream and 1 ONVIF stream you will need special licence key.*
From serial number: WA 3617 4395, devices have Microsoft Windows 10 IoT operating system.