



NMS IP Recorder

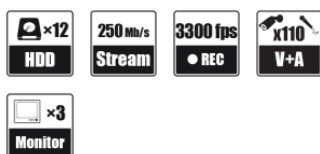
NMS NVR X-2U/72/R - PRODUKT ARCHIWALNY



PRO SERIES

FUNCTIONS

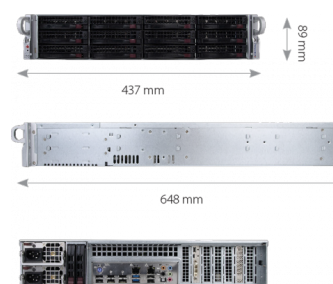
H.264+ **H.265**



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 6 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, Upas 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" 6 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.