NoVus

NMS IP Recorder

NMS NVR X-2U-III





KEY FEATURES













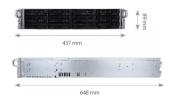


- •Supports resolution up to 4000 x 3000
- •Recorded stream size: 450 Mb/s in total from all cameras
- •optional disk mounting: 12 x SATA 3,5"
- External arrays support
- •Operating system: Microsoft Windows Embedded 8

COMPLIANCE



DIMENSIONS



| VIDEO | |
|--|--|
| IP Camera Recording | 160 channels at 1920x1080 (video+audio) using H.264 codec • 200 channels at 1920x1080 (video+audio) using H.265 codec |
| Maximum Supported Camera Resolution | 4000x3000 |
| Dualstreaming Support | yes |
| DISPLAY | |
| Monitor Output | 3 x Mini Display Port 1.2 |
| Maximum Resolution | 3 x 4K UltraHD |
| PERFORMANCE - H.264 | |
| 2MPX IP Camera | Recording up to: 160 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 160 main streams) • Playback up to: 8 main streams (while recording: 160 main streams) |
| 4MPX IP Camera | Recording up to: 120 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 120 main streams) • Playback up to: 8 main streams (while recording: 120 main streams) |
| 5MPX IP Camera | Recording up to: 100 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 100 main streams) • Playback up to: 8 main streams (while recording: 8 main streams) |
| 8MPX IP Camera | Recording up to: 80 main streams (while displaying: 8 sub streams) Display up to: 8 sub streams or 6 main streams (while recording: 80 main streams) • Playback up to: 6 main streams (while recording: 80 main streams) |

PERFORMANCE - H.265

12MPX IP Camera

| PERFORMANCE - H.265 | | |
|---------------------|---|--|
| 2MPX IP Camera | Recording up to: 200 main streams (while displaying: 8 sub streams) • Display up to: 8 sub streams or 8 main streams (while recording: 200 main streams) • Playback up to: 8 main streams (while recording: 200 main streams) | |
| 4MPX IP Camera | Recording up to: 160 main streams (while displaying: 8 sub streams) • Display up to: 8 sub streams or 8 main streams (while recording: 160 main streams) • Playback up to: 8 main streams (while recording: 160 main streams) | |
| 5MPX IP Camera | Recording up to: 120 main streams (while displaying: 8 sub streams) • Display up to: 8 sub streams or 4 main streams (while recording: 120 main streams) • Playback up to: 4 main streams (while recording: 120 main streams) | |

main streams)

Recording up to: 80 main streams (while displaying: 8 sub streams) • Display up to: 8 sub streams or 4 main streams (while recording: 80 main streams) • Playback up to: 4 main streams (while recording: 80



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| 8MPX IP Camera | Recording up to: 90 main streams (while displaying: 8 sub streams) • Display up to: 8 sub streams or 4 main streams (while recording: 90 main streams) • Playback up to: 4 main streams (while recording: 90 main streams) |
|-----------------------------------|--|
| 12MPX IP Camera | Recording up to: 90 main streams (while displaying: 8 sub streams) • Display up to: 8 sub streams or 4 main streams (while recording: 90 main streams) • Playback up to: 4 main streams (while recording: 90 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 |
| DA GIVID | |
| BACKUP | |
| Backup Methods | USB port (HDD lor Flash drive), Network |
| Backup File Format | JPEG, BMP, AVI, NMS |
| HDD | |
| Internal storage for system | 1 x SSD NVMe |
| RAID Redundancy | RAID types: RAID 0 |
| 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 |
| NETWORK | |
| Network Interface | 2 x Ethernet - RJ45 interface, 10/100/1000 Mbit/s |
| Network Throughput | up to 450Mbit/s from all cameras • up to 450Mbit/s to all client stations • Max network throughput: 450Mbit/s for each network card |
| Network Protocols Support | НТТР |
| Compatible Mobile Applications | NMS Mobile |
| PTZ | |
| PTZ Functions | pan, tilt, zoom, preset commands, patterns, tours, auto-scans, focus, iris |
| ADDITIONAL INTERFACES | |
| USB Ports | 4 x USB 2.0, 4 x USB 3.2, 1 x USB 3.2 Type-C, 2 x USB 2.0 |
| OPERATING SYSTEM | ** |
| Operating System | Microsoft Windows 10 IoT |
| Recording and Surveillance System | NMS (Novus Management System), NOVUS MANAGEMENT SYSTEM VSS |
| Additional Software | NMS-ANPR |
| Operation Mode | Pentaplex |
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| OSD | Polish, English |
|-----------------------------|---|
| Control | PC mouse and keyboard (in-set included), DCZ keyboard |
| System Diagnostic | automatic control of: HDDs, Temperature, Fan, Network |
| 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 | with Hot-Swap function (allowing to replace the power supply without turning off the unit) |
| Power consumption/heatprint | 490W/400W (without HDD for recording) |
| Operating Temperature | 5°C ~ 35°C |
| RACK Mount 19" | 2U |

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

