

NMS IP Recorder NMS NVR X-2U-III



PRO SERIES

KEY FEATURES



. ×3 V+A Stream HDD • REC Monitor

•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 •Recording and surveillance system: NMS (Novus Management System)

COMPATIBILITY



DIMENSIONS

	P		89 mm
≪ 437 mm	→		
C	0 0	• 0	-1
≪ 648 mm			

RACK Mount 19"	20	
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)	
12MPX IP Camera	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 main streams)	
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)	



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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: 9 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		
DACKUD			
BACKUP Dealway Matheda	UCD part (UDD lar Flack drive) Natural		
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		
	NMS (Novus Management System), NOVUS MANAGEMENT SYSTEM VSS		
Recording and Surveillance System			
Additional Software			





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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 PARAMETER	S	
Dimensions (mm)	437 (W) x 89 (H) x 648 (D)	
Weight	24 kg (with HDDs)	
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.

